

3rd
Batch



P R O S P E C T U S

CSE

P r o f e s s i o n a l

Session 2018-2019



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (CSE)
DHAKA COMMERCE COLLEGE

Principal Professor Md. Abu Sayeed receives the best non-govt. college award on behalf of the college from the Prime Minister Sheikh Hasina provided by National University as per its annual ranking in 2016.



Principal Professor Md. Abu Sayeed receives the best non-govt. college award on behalf of the college from the Education Minister Mr. Nurul Islam Nahid provided by National University as per its annual ranking in 2015.

Principal Professor Kazi Md. Nurul Islam Faruky, Honorary Professor and Founder of Dhaka Commerce College, is receiving crest and certificate on behalf of the college from the Education Minister Dr. M. Osman Faruq for becoming the best college for the second time in the education week 2002.



Principal Professor Kazi Md. Nurul Islam Faruky, Honorary Professor and Founder of Dhaka Commerce College, is receiving crest and certificate on behalf of the college from the Prime Minister Sheikh Hasina as the best college in the education week 1996.

Principal Professor Kazi Md. Nurul Islam Faruky, Honorary Professor and Founder of Dhaka Commerce College is receiving crest and certificate from the Prime Minister Begum Khaleda Zia as the best college teacher in the education week 1993.



Bachelor of Computer Science And Engineering (CSE)
Four Year CSE (Hons.) Professional Program
Under National University



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (CSE)
DHAKA COMMERCE COLLEGE

SELF FINANCED, FREE FROM POLITICS & SMOKING
Dhaka Commerce College Road, Mirpur, Dhaka-1216
Tel: 9004942, 9007945, 9023338 Ext: 226, Fax: 9037722
Email: dcc.cse16@gmail.com, Website: www.dcc.edu.bd



CSE



Dhaka Commerce College was awarded the best non-govt. college and the 4th best among both govt. and non-govt. colleges in Bangladesh as well as the 3rd best college in Dhaka and Mymensingh region by National University in 2015. Prof. Dr. Shafiq Ahmed Siddique, Chairman of Governing Body, Principal, Vice-Principal, Administration and some teachers of the college were present in the program.





Chairman
Governing Body
Dhaka Commerce College

MESSAGE

I am happy to learn that Dhaka Commerce College is offering students to get admitted into its CSE program under National University in the session 2018-2019. Dhaka Commerce College has achieved tremendous success specially in flourishing business education in Bangladesh. It is contributing much to imparting world class quality education to the future business leaders of the country. It has made an unprecedented history in making brilliant results in all levels of education under Dhaka Education Board and National University by dint of its academic excellence. I am confident that the upcoming students of CSE program will shoulder the responsibility for sustaining and enhancing the glorious past of this institution.

In this age of globalization and open market economy, trade and IT sector are taking a big stride. Dhaka Commerce College is nourishing the rising generation to turn them into skilled manpower and business professionals in the corporate sector. CSE program of Dhaka Commerce College aims at providing the students with opportunities, resources and expertise to achieve academic, personal and career goals in a compatible atmosphere. I do believe that students of CSE program here will be benefited by the education par excellence imparted by the highly competent and dedicated faculty members obtaining higher degrees from reputed universities home and abroad.

Dhaka Commerce College is committed to helping its pupils in achieving their cherished goal keeping in view the challenges of the twenty first century. I hope that after graduating from this college, the students of CSE program will contribute to socio-economic development by building up an enlightened nation and will enrich the history of unparallel success of this institution.

Professor Dr. Shafiq Ahmed Siddique



Principal
Dhaka Commerce College

MESSAGE

Dhaka Commerce College, founded in 1989 by Professor Kazi Md. Nurul Islam Faruky, a renowned educationist and author is committed to providing distinctive quality education since its very inception and contributing to the building of an illuminated nation able to face the challenges ahead. Dhaka Commerce College is one of the leading institutions with outstanding achievements specially in promoting business education in Bangladesh. It has made a history in making brilliant results in all levels of education under Dhaka Board and National University. As a result, this college was recognized as the best educational institution all over the country twice by the government in 1996 and 2002 respectively and in 2015 it was awarded the best non-govt. college and the 4th best college among both govt. and non-govt. colleges in Bangladesh as well as the 3rd best college in Dhaka and Mymensingh region by National University. The founder of this college was also crowned with the best teacher award by the government in 1993.

This college introduced CSE program under National University in the academic session 2016-2017 and as a part of that trend we are enrolling students in the session 2018-2019. The primary objective of this program is to educate and guide our students so that they can play a very significant role in contributing to the socio-economic development of Bangladesh with their diverse knowledge, talent and creativity. In this new era of globalization and open market economy IT professionals must be able to address the challenges and threats of the increasingly competitive world. The mission of CSE program in Dhaka Commerce College is to impart world class and time-demanding education and training so that students can flourish their intellectual, social and personal potentialities. In order to turn the educated manpower into human resources, Dhaka Commerce College emphasizes the orientation of the students through excursion, internship, extra-curricular and co-curricular activities along with theoretical knowledge.

You will be happy to learn that our CSE program is run by a highly qualified faculty members having higher degrees from reputed universities home and abroad. In this new millennium the world has become a global village. So, students must be innovative in their thinking and should make a judicious choice of educational institutions.

We believe, your time at this institution will be very enjoyable and it will enable you to undertake the responsibility of the young executives and skilled IT professionals in the corporate sector successfully. I request you all to go through this prospectus carefully and visit the campus for talking to any concerned faculty or any member of the Admission Committee. If you join Dhaka Commerce College Family, our utmost endeavor will be to help you in achieving your cherished goal with academic excellence.

Professor Md. Abu Sayeed



Vice Principal
Dhaka Commerce College

MESSAGE

It gives me immense pleasure that Dhaka Commerce College is going to admit students in B.Sc. (Hons.) in Computer Science And Engineering (CSE) under National University in the academic session 2018-2019.

It is a matter of great satisfaction that more than 50 colleges, both private and public, have been established in the country to meet the rising demand of higher education of our students. Dhaka Commerce College was established for providing quality education to students and facilitating opportunities for research for teachers in order to help establish a knowledge based society and meet the growing challenges of the time.

Dhaka Commerce College emphasizes the orientation of students through excursions, internship, co-curricular, and extra-curricular activities along with theoretical knowledge. You will be very happy to learn that our CSE program is going to be run by some highly efficient faculty members winning higher degrees from reputed universities home and abroad.

We believe your time in this institution will be very enjoyable and enable you to undertake the responsibility of the young executives and skilled IT professionals in the corporate sectors successfully. Moreover, CSE degree from this institution under National University will be valued highly home and abroad. In addition to providing students with bookish knowledge higher education also helps students bloom with all their potentials. I request you all to go through this prospectus carefully. If possible visit our campus and feel free to consult the members of the Admission Committee or any member of the faculty. And if you finally join the Dhaka Commerce College family, our utmost endeavor will be to help you achieve your cherished desire with high academic excellence.

Professor Md. Shafiqul Islam



Advisor, Academic
Dhaka Commerce College

MESSAGE

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Professor Md. Mojahar Jamil



Chairman

CSE Professional Program
DEPARTMENT OF COMPUTER SCIENCE
AND ENGINEERING (CSE)
Dhaka Commerce College

MESSAGE

Dhaka Commerce College, self-financed and free from smoking and politics, is one of the most reputed colleges in Bangladesh. Professor Kazi Md. Nurul Islam Faruky, a renowned educator and author, founded this college in 1989 with a view to ensuring quality education in Bangladesh. The dream has come true with the ceaseless combined efforts and heartiest dedication of the Governing Body, efficient teachers, staff, students and the guardians. Dhaka Commerce College has created a new horizon in the field of education in Bangladesh by means of generating potential human resources imbued with values and morality. In return, the college was recognized as the best college in 1996 and 2002 and the founder, an iconic figure, Professor Kazi Md. Nurul Islam Faruky was awarded with the prize of best teacher in 1993 by the then Government of Bangladesh. In 2015 & 2016 the college was again crowned as the best non-govt. college and the fourth best among the govt. and non-govt. colleges across the country as well as the third best college in Dhaka and Mymensingh region by National University. The fundamental feature of Dhaka Commerce College is that it ensures better results of all categories of students.

Computer Science and Engineering (CSE) is a prestigious course and the objective of this course is to create efficient manpower. To achieve this goal, the college has introduced CSE Program under National University from the session 2016-2017 and the College is going to enroll students for the session 2018-2019. Dhaka Commerce College has been able to introduce CSE due to the sole, sincere effort of the honorable Chairman of the Governing Body, an eminent patron of quality education, Professor Dr. Shafiq Ahmed Siddique. The program is run by a group of dynamic and qualified faculty members and staff under the direction of the Governing Body. The Department of CSE facilitates learning of the students with state-of-the-art classrooms, seminar library, rich central library, internet connection, Computer Lab, Cafeteria etc. Through the students of the program have to sit for final examinations under National University, they also have to sit for mid-term examinations, tutorials, class tests, quizzes. Besides, they have to participate in case studies, assignment submission and presentation under close supervision of faculty member. In addition, we ensure extra-curriculum activities through different clubs such as Sports Club, Cultural Club, Language Club, Business Club, Debating Club, General Knowledge Club, Study Tour Club, Arts & Photo Club, Drama Club, Rotaract Club and BNCC and so on. Through these activities, the Department of Computer Science and Engineering (CSE) is trying to be a center of excellence so that it can create illuminated citizens for the nation.

Finally, rapid changes are taking place in the field of global business due to the advancement of information technology. I do affirm that after completing CSE Program from this institution, our graduates will be able to cope with the changing world and face the new challenges of globalization. I hope the journey of the students will be smooth and their career will be bright.

I urge the students to go through the prospectus to know in details about the program.

Professor Dr. Md. Miraj Ali Akand



CSE PROFESSIONAL PROGRAM

List of Faculty Members



Professor Dr. Md. Miraj Ali Akand

B. Sc. (Hons.) in Mathematics (DU)
M. Sc. in Mathematics (DU)
M. Phil. in Mathematics (BUET)
Ph. D. in Mathematics (JU)
Chairman, Dept. of CSE



Md. Abdur Rahman

B. Sc. (Hons.) in Physics (CU)
M. Sc. in Physics (CU)
Masters in Information Technology (JU)
Associate Professor



Narpis Hydar

B. Sc. (Hons.) in CSE (AUB)
Master in IT (IIT, DU)
Lecturer



Mohammed Shoaiebur Rahman

B. Sc. in CSE (CU)
M. Sc. in CSE (DIU)
Lecturer



Nazma Akter

B. Sc. (Hons.) in CSE (MBSTU)
M. Sc. in CSE (UIU)
Lecturer



Suyaba Hoque Turabi

B. Sc. (Hons.) in CSE
M. Sc. in CSE
Lecturer



Farzana Akter Ripa

B.Sc (Hons.) in EEE
M.Sc in CSE
MBA in HRM
Lecturer



Md. Hemaet Uddin

B. Sc. Engg. in CSE (PSTU)
M. Sc. Engg. in CSE (Continuing, DUET)
Lecturer (Lecture Based)



Mrs. Mahfuza Akter

B. Sc. Engg. in CSE (PSTU)
M. Sc. Engg. in CSE (Continuing, DUET)
Lecturer (Lecture Based)

List of Adjunct Faculty Members



Professor Mohammed Elias
B. Sc. (Hons.) in Statistics (CU)
M. Sc. in Statistics (CU)
Commonwealth MBA (BOU)
PGDCS (BIM)
Students Advisor (HSC)



Professor Mr. Md. Wali Ullah
B. S. S. (Hons.) in Economics (DU)
M. S. S. in Economics (DU)
MBA in Finance (Stamford University)
Students Advisor (HSC)



Md. Shafiqul Islam
B. Sc. (Hons.) in Statistics (DU)
M. Sc. in Statistics (DU)
Commonwealth Executive MBA (BOU)
Associate Professor



Mr. Md. Abdul Khaleque
B. Sc. (Hons.) in Statistics (DU)
M. Sc. in Statistics (DU)
MBA in Finance (BUBT)
Associate Professor
Chairman, Dept. of Statistics



Mr. Bishnu Pada Banik
B. Sc. (Hons.) in Statistics (DU)
M. Sc. in Statistics (DU)
MBA in Marketing (Eastern University)
PGDCS (BIM)
Master in IT (JU)
Associate Professor



Mr. A. H. M. Saidul Hasan
B. Sc. (Hons.) in Statistics (DU)
M. Sc. in Statistics (DU)
Commonwealth MBA (BOU & COL, Canada)
Associate Professor



Mrs. Aleya Parvin
B. Sc. (Hons.) in Mathematics (DU)
M. Sc. in Mathematics (DU)
MBA (Stamford University)
DCAP (CITN)
Associate Professor



Mrs. Shuriya Parvin
B. Sc. (Hons.) in Economics (JU)
M. Sc. in Economics (JU)
MBA in Finance (Stamford University)
Associate Professor
Chairman, Dept. of Economics



Mr. Khayrul Islam
B. A. (Hons) in English (IU)
M. A. in Literature (IU)
M. A. in TESOL (NSU)
ILEP (USA)
Ph.D. (Continuing) IU
Assistant Professor



Mr. Anupam Biswas
B. A. (Hons) in English
M. A. in TESOL
Lecturer



Mrs. Bushra Shahadat
B. Sc. in Math (NU)
M. Sc. in Math (NU)
Lecturer (Lecture Based)



Mrs. Marufa Sultana
B. A. (Hons.) in History (DU)
M. A. (DU)
Lecturer (Part Time)



CSE

INTRODUCTION

Dhaka Commerce College, a self-financed educational institution, free from politics and smoking, was established in 1989 at King Khaled Institute, Lalmatia, and then shifted to Dhanmondi rented campus. The college was established with a view to producing illuminated and well educated people who would lead the business and industrial sector of the country. The college was shifted from Dhanmondi rental campus to its own campus at Mirpur on 22 January 1995. At the very beginning, the college launched HSC and B. Com. (Pass) Course. Honors and Master Courses were introduced from 1994-95 session.



Member of the governing body of Dhaka Commerce College

Management education is critical in the process of socio-economic development of a developing country like ours. The need for competent managers required to run an organization effectively is increasing day by day throughout the whole world. To mitigate this need, Dhaka Commerce College launched CSE Program in 1996-2017 session. The college received the best college award from the Government in 1996 and in 2002. In 2015 and in 2016 it was awarded the best non-govt. college by National University.



At the program of the reception of some renowned scholars and brilliant students on the occasion of Silver Jubilee of the college, Mr. AHM Mustafa Kamal, Planning Minister, is delivering his speech to the audience. On the stage also present; Prof. Dr. Shafiq Ahmed Siddique, Chairman of the Governing Body, Mr. A.F.M. Sarwar Kamal and Prof. Md. Abu Saleh, members of the Governing Body, Prof. Kazi Md. Nurul Islam Faruky, the founder of the college and Prof. Md. Abu Sayeed, the Principal of the college

OUR IDEOLOGY

Dhaka Commerce College, self-financed and free from politics and smoking, maintains the ideals of education and religion. At first, the students have to acquire knowledge and utilize it in practical life. And this should be their religion because we think that work without knowledge and religion without work is nothing but deception.

OUR COMMITMENT

We will build you up as a well-educated and self-educated person through discipline, and diligence which will take you to the zenith of success in every sphere of your future life. Our careful nursing will establish a strong foundation of your future life. Your present preparation is indispensable for yourself and for the nation in future.

OUR STRENGTHS

As a leading educational institution of the country, Dhaka Commerce College has the following strengths:

- A model educational institution that is followed by many other institutions and recognized by the Government
- Governing Body is a portfolio of high personalities.
- Highly qualified faculty members holding Ph.D., M.Phil. and MBA degrees;
- State-of-the-art classrooms;
- Separate seminar and central library;
- Free internet access;
- Compatible academic atmosphere
- Extra-curricular activities through various clubs such as sports club, cultural club, language club, business club, debating club, general knowledge club, study tour club, arts & photography club, drama club, Rotaract club, BNCC etc.;
- Counseling Program for the students;
- Cafeteria;
- Full time electricity and lift facility.



A discussion program being held on the occasion of Genocide Day 2018; Freedom Fighter Md. Monirul Hoque, the Chairman of Muktiyoddha Mohajot is chief guest



Annual Sports Program

ACADEMIC PROCEDURES AND RULES FOR CSE PROFESSIONAL PROGRAM

The Bachelor of CSE program is a professional undergraduate program for individuals who plan to develop their career as junior level IT Professionals.



Dance being performed by the DCC students

The primary emphasis of the program is to develop knowledge and skills among the candidates to undertake practical operations of business enterprises. This program will also be helpful to those who plan their career in Government, Semi-government and Non government organisations.

The objective of the CSE Professional Program is complete grooming of a student's personality



by providing a balanced study in the field of business and other related subjects. The purpose is to develop an executive personality and to produce strong operative skills among the graduates so that they can carry out organisational functions efficiently and effectively.

The following section describes the specific contents of the CSE Professional Program entry and graduation requirements.



Website Workshop 11 April 2016

ELIGIBILITY TO APPLY

- HSC/equivalent in 2017/2018 and SSC/equivalent in 2015/2016 securing minimum GPA 2.50 (including 4th subject) in both examinations. Or, A-Level examinations in 2017/2018 securing minimum 1 'B' grade and passed in 2 subjects and O-Level examinations in 2015/2016 securing minimum 3 'B' grades and passed in 4 subjects.
- Candidates from Science group can apply.
- In any of the following studied subjects at HSC level must have minimum grade point 3.00: Physics/Chemistry/ Higher Mathematics.



Picnic at baganbari of GB Chairman

HOW TO APPLY

- Apply through National University website: www.admissions.nu.edu.bd or nu.edu.bd/admissions.
- Take a printout of the duly filled-in application form using A4 size offset paper.

ONLINE APPLICATION DATE

- 01/09/2018 to 19/09/2018

SUBMISSION

The printed application form must be submitted to the college office along with attested photocopies of SSC, HSC or O, A Levels transcripts, registration cards and online application fee of Tk. 300 by 03/09/2018 between 9:00 am and 5:00 pm on all working days.



Orientation program of B.sc (Hons.) student



Study Tour of the college at Tea Garden in Sylhet

HELP DESK

A help desk will remain functional on the college campus for online application submission and for related information from 01/09/2018.

SELECTION PROCEDURE

- No admission test will be held.
- A merit list will be published on the basis of a total of 100 marks counting 60% marks from HSC and 40% marks from SSC results by National University.

PHYSICAL FITNESS

The selected students have to submit a medical certificate that she/he is free from any type of

contagious or chronic diseases. If any disease is found later on, his/her admission will be cancelled.

REGISTRATION

Applicants finally accepted for the program should obtain the prescribed admission form for admission from the office of the college and submit it to the same office duly filled in along with necessary documents within the scheduled time.

Candidates having completed the above formalities must pay the requisite fees. Enrolment in the college and admission into the classes are conditional upon completion of all admission formalities including payment of all fees in the Bank.



Prize giving ceremony at DCC



Drama staged by the CSE students

THE PROGRAM

CSE Professional Program is a four-year program where teaching and examination of allocated courses for a specific semester would be finished within six months. Students will automatically be transferred to the next semester after examination pending the result. The basic structure of the four-year CSE Professional Program is as follows:



CSE

COURSES OF CSE PROFESSIONAL PROGRAM

National University
 Subject: Computer Science and Engineering
 Syllabus for Four Year B.Sc. Honours Course
 Session: 2018-2019

Year wise courses and marks distribution.

First Year/ Semester I

Major Theory Courses

510201 Structured Programming Language 3.0

Major Lab Courses

510202 Structured Programming Language Lab 1.5

Major Theory Courses

510203 Structured Programming Language Lab 3.0

510205 Calculus 3.0

510207 Physics 3.0

510209 English 3.0

Major Lab Courses

510204 Electrical and Electronic Circuit Lab 1.5

Total Credits in 1st Semester 18.0

Semester II

Major Theory Courses

510211 Discrete Mathematics 3.0

Major Theory Courses

510213 Digital Systems Design 3.0

510215 Linear Algebra 3.0

510217 Statistics and Probability 3.0

510219 History of the Emergence of Independent Bangladesh 3.0

Major Lab Courses

510212 Digital Systems Lab 1.5

Total Credits in 1st Semester 16.5

Second Year/ Semester III

Major Theory Courses

510201 Data Structure 3.0

510203 Object Oriented Programming 3.0

510205 Computer Architecture 3.0

Major Lab Courses

510206 Data Structure Lab 1.5

510208 Object Oriented Programming Lab 1.5

Major Theory Courses

510209 Ordinary Differential Equation 3.0

510211 Fundament of Business Studies 3.0

Total Credits in 3rd Semester 18.0

Semester IV

Major Theory Courses

520213 Database Management System 3.0

520215 Microprocessor and Assembly Language 3.0

520217 Design and Analysis of Algorithms 3.0

Major Lab Courses

520218 Database Management System Lab 1.5

520220 Microprocessor and Assembly Language Lab 1.5

520222 Design and Analysis of Algorithms Lab 1.5

Minor Theory Courses

520223 Numerical Analysis 3.0

Total Credits in 4th Semester 16.5

Third Year/ Semester V

Major Theory Courses

530201 Peripheral and Interfacing 3.0

530203 Data and Telecommunications 3.0

530205 Operating System 3.0

Major Lab Courses

530206 Peripheral and Interfacing Lab 1.5

530208 Data and Telecommunications Lab 1.5

530210 Operating System Lab 1.5

Minor Theory Courses

530211 Economics 3.0

Total Credits in 5th Semester 16.5

Semester VI

Major Theory Courses

530213	Software Engineering	3.0
530215	Computer Networking	3.0
530217	Theory of Computation	3.0
530219	Embedded System Programming	3.0

Major Lab Courses

530220	Software Engineering Lab	1.5
530222	Computer Networking Lab	1.5
530224	System programming Lab	1.5

Total Credits in 6th Semester 16.5

Fourth Year/ Semester VII

Major Theory Courses

540201	Artificial Intelligence	3.0
540203	Compiler Design and Construction	3.0
540205	Computer Graphics	3.0
540207	E-Commerce and Web Engineering	3.0

Major Lab Courses

540208	Artificial Intelligent Lab	1.5
540210	Compiler Lab	1.5
540212	Computer Graphics Lab	1.5
540214	E-Commerce and Web Engineering Lab	1.5

Total Credits in 7th Semester 18.0

Semester VIII

Major Theory Courses

540215	Network and Information Security	3.0
540217	Information System Management	3.0

Optional Course (any one) 3.0

540219	Simulation and modeling	
540221	Distributed Systems	
540223	Digital Signal Processing	
540225	Digital Image Processing	
540227	Multimedia	
540229	Pattern Recognition	
245031	Design and Analysis of VLSI Systems	
540233	Micro-controller and Embedded System	
540235	Cyber Law and Computer Forensic	

540237	Natural Language Processing	
540239	System Analysis and Design	
540241	Optical Fiber Communication	
540243	Human Computer Interaction	
540245	Graph Theory	

Major Lab Courses

540246	Network and Information Security Lab	1.5
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Optional Course Lab (Any one) 1.5

540248	Simulation and modeling Lab	
540250	Distributed Systems Lab	
540252	Digital Signal Processing Lab	
540254	Digital Image Processing Lab	
540256	Multimedia Lab	
540258	Pattern Recognition Lab	
540260	Design and Testing of VLSI Systems Lab	
540262	Micro-controller and Embedded System Lab	
540264	Cyber Law and Computer Forensic Lab	
540266	Natural Language Processing Lab	
540268	System Analysis and Design Lab	
540270	Optical Fiber Communication Lab	
540272	Human Computer Interaction Lab	
540274	Graph Theory Lab	
540276	Project/Industry Attachment	6.0

Total Credits in 8th Semester 18.0

N.B.: Each course carries 100 marks and 3 credits.



Dhaka Commerce College BNCC



SALIENT FEATURES OF THE PROGRAM

1

There are thirty-nine lecture courses each having 3 credit hour weight, including one on English.

2

There is one non-lecture course i.e Viva-voce and project paper/thesis Defense that an equal weight of a lecture course, to be taken in the eight semester of CSE program. The students are allowed 3 months, after their final examination, to complete and submit their project paper.

3

The eighth semester will determine the Optional Course of a CSE student where he/she will have thirteen options, out of which he/she must select one.

Each semester will consist of about 21 weeks in which 17 weeks will be kept for class lectures, 1 week for pre-examination break and 3 weeks for examination.

CLASS ATTENDANCE

Every student of CSE Professional Program must attend at least 85% of class lectures to qualify for sitting in the semester final examinations.

PROMOTION, AWARD OF DEGREE, IMPROVEMENT AND DROP OUT

Result of a CSE student will be determined on the basis of Grade Point in a 4-point scale along with Letter Grade. However, to determine the Letter Grade/Grade Point the following range of marks will be considered:

Marks Range	Letter Grade	Grade Point
80% and above	A+	4.00
75% to less than 80%	A	3.75
70% to less than 75%	A-	3.50
65% to less than 70%	B+	3.25
60% to less than 65%	B	3.00
55% to less than 60%	B-	2.75
50% to less than 55%	C+	2.50
45% to less than 50%	C	2.25
40% to less than 45%	D	2.00
Less than 40%	F (Fail)	0.00

For promotion, results for two semesters in a year tabulated together will be considered for year to year basis promotion. For getting promotion from one year to the next year, the student must appear in the final examinations, at least partially, so that he/she earns a GPA of 1.5 in the first year and then on GPA of 2.0 for second and third year (combined for two semesters in each year). In case of calculating GPA for promotion purposes improvement marks in that relevant year will not be considered. In case he/she fails (F grade) in any or more course(s), he/she will have to appear in the final examination of that/those course(s) in subsequent semesters (two chances will be given to convert F grade into any countable grade). Where a student remains absent in any of the examinations which is countable towards GPA calculation, each absent will be deemed to have earned Zero marks (Grade Point 0.0) for him/her and the credit for relevant course be



CSE Programming Lab

deemed to have been taken. In any case, a student will not be allowed to sit for further regular examinations when his status is confirmed as not having earned the requisite pass number. In such a case he/she will have to seek for re-admission and continue with the next available batch as usual. A student can pre-empt his/her not getting promotion and seek for readmission well in advance to re-start with the next batch. In this process he must pass in all the lecture courses within a maximum period of six academic years.



CSE EEC Lab

A student of CSE eligible for appearing in improvements in the fourth year courses will also not be allowed to cross the statutory period of six years in the process. If he/she crosses the statutory period of six years, he/she loses his/her chance to improve the grades. For Viva and Project Paper Defense only, an additional time for a maximum period of six months may be allowed. No improvement examination will be allowed for Viva and Project Paper Defense. If

Award of the degree of CSE will be dependent upon a student performing as follows:

Total credits obtained	Performance in the courses	Time taken	Cumulative grade point average	Degree to be awarded
138 Credits	No F grade in any course	Maximum 6 years to complete the lecture courses and an additional six months to complete Viva and Project Paper Defense	Minimum 2.0 in a 4.0 scale	CSE



CSE

he/she fails to qualify for the degree within six consecutive academic years and an additional period of six months for Viva and Project Paper Defense, being a regular student, he/she will automatically be dropped from the program. A regular student can get himself re-admitted for a maximum of two times. In such cases too he/she also must earn the degree within a maximum period of six consecutive academic years with an additional time of six months for Viva and Project Paper Defense. Rules for non-collegiate students are to be determined and applied separately by the National University.



Conduction departmental Meeting

A student earning D or more can opt for appearing in the Improvement Examination (except for Viva and Project Paper Defense) with next immediate available batch only, but only once for one course. In that case the earlier grade (and also the relevant marks, if any) earned in the course will be deleted. All midterm and assignment marks will remain unchanged in case of a student appearing in any improvement examination (i.e., improvement will depend only on the course final



HSC result celebration-2017

examination). In case of re-admitted students, the marks obtained earlier in the same semester courses only will be deleted from his/her record. However, a student will be usually readmitted in First, Third, Fifth, or Seventh semester only. In both the cases of retaking a course for failure or for improvement, a student must apply in specific form to the Controller of Examinations through the Head of the Department and through the Principal within 15 days of the publication of the provisional result. Semester results or yearly results (if combined for two semesters) will be considered as provisional.



SAARC Tour of the college: At the front gate of the Taj Mahal, India

All lecture courses bearing 100 marks will be examined and marks awarded as follows:

	Duration	Marks	Examined by
First Mid Term	1 hour exam	15	Course Teacher
Second Mid Term	1 hour exam	15	Course Teacher
Final Examination	3 hour exam	70	Two Examiners
Total		100	

EXAMINATION RULES

There will be at least two in-course examinations and one home assignment to be conducted by the course teacher for his/her course and marks along with grade be submitted to the Head of the Department for compilation and subsequent submission to the Controller of Examinations of the National University. Only semester final examinations will be conducted by the National University on six monthly basis for each semester. The routine for final examination be spread in such a way that those sitting for improvements and retakes should not coincide. Two examiners will evaluate the final examination scripts and a third examiner be appointed should the difference of marks awarded exceed 20%.

Each lecture course examination will be of three hours. Viva- voce will be taken at the end of 4th year for 50 marks and the rest 50 marks for the project report. Two individual marks will be added together and the total will be considered to grade the full course. Two examiners will examine the Project report (one internal/ supervisor and a second examiner/external). The examination committee as per normal convention of National University will conduct viva.

EVALUATION

Computation of Grade Point Average will be made on the basis of following illustration:

$$\text{GPA} = \frac{(\text{Credit} \times \text{Grade Point})}{\text{Total Credits}}$$



Students of CSE Program are in the Exam Hall

Example:

FIRST SEMESTER

Course No.	No. of Credits	Grade Awarded	Corresponding Grade Point	Points Secured
	Col. 1	Col. 2	Col. 3	Col. 4=(Col.1 X Col.3)
510201	3	A+	4.00	12.00
510203	3	A	3.75	11.25
510204	3	A-	3.50	10.50
510205	3	B+	3.25	9.75
510206	3	B	3.00	9.00
TOTAL	15			52.50

$$\text{EARNED CREDIT (EC)} = 3+3+3+3+3 = 15$$

$$\text{GPA} = \frac{52.50}{15} = 3.50$$



CSE



Warm reception of Prof. Dr. Miraj Ali Akand for promoted to professor

DISCIPLINARY MEASURES

Any student adopting unfair means will be treated as per the rules of National University in this regard.

METHOD OF INSTRUCTION

The Lecture method of teaching will be supplemented by project works, case presentation, group discussions, seminars, business games, role playing and plant visitation. A heavy reliance is placed on project work, case method and other modern techniques that simulate situation in which business operations are carried out. Cases used in the courses relate to actual business problems including those developed by the various prominent business institutes relating to Bangladesh.

Students will be supplied with books and materials which they will be required to read and understand. To develop sound study habits, arrangements are made for supervised reading in the library of the college. Students are required to prepare daily work assignments, participate in class discussions and sit for periodical quizzes and tests. Arrangements will be made to hold lectures and research seminars by prominent business executives or academicians on subjects of current business and research interest.

THE MEDIUM OF INSTRUCTION IS ENGLISH

CSE PROFESSIONAL PROGRAM OFFICE

The academic and administrative matters of the students of the program are looked after by the CSE Professional Programme office. The

services rendered by the office include registration of students, monitoring class, publications of result, processing applications of students for various purposes, record maintenance, counseling students on academic matters etc.

The office is administered by the Director with the assistance of the college administration.

DISCIPLINE

The compatible atmosphere depends on combined discipline and behaviour of all students, teachers and employees. For this reason all students should abide by the following:

UNIFORM

All Students should wear the dress and badge determined by the college. Without uniform and after schedule time no student is allowed to enter the college.



Students in CSE uniform

Male student : Ash shirt, black pants, black shoes with ribbon and black belt.

Female student : Ash kameez, white salwar, white dopatta and black shoes.

N.B. To enter the college for other purposes every student should put on college uniform.



SAARC Tour of the college: In front of Tri Bhubon Intl. Airport, Nepal

CODE OF CONDUCT

Identity of a student does not depend only on good results, but also on the observation of overall code of conduct and discipline of the institution, so-

- Every student of the college must be polite, obedient and polished.
- Male students must have their hair cut at least once a month.
- Cosmetic material of female students will be worth of a female student.
- Relationship between the male and female students must be that of brother and sister.
- Relationship between senior and junior students should be that of younger and elder brothers and sisters.

IN AND OUT OF CLASS

No student can stay in the veranda, field, cafeteria, canteen or library while the classes are taken. Besides, no student can go out of the college during the class-hours and before leave. The students have to depart from the college after leave.

WARNING

Any indecorous activity subversive of students is strictly prohibited while in uniform. Anybody involved in such activity must be turned out of the college on discipline ground.

IDENTITY CARD

Every student must carry/wear identity card provided by the college authority. Students have to preserve the identity cards with due caution. In case of having lost the identity card, students will collect it from the office within 3 working days paying an amount of Tk.500/= as fee after filing a diary at the nearest police station. It may be mentioned that guardians will be provided with identity cards to meet the college authority. Anybody without identity card is not considered a guardian at all. Duplicate of the identity card is provided only once after lost.

LEAVE OF ABSENCE

Maximum five days leave of absence in each semester for a student may be granted under special circumstances for the application of the real/original guardian. However, such leave may not be granted in case of examination.



The annual sports of the college



Performed by the college students in the annual sports program

UNFAIR MEANS

Students are strictly forbidden from adopting unfair means in class assignments, tests, quizzes, examinations and project work.

The following would be considered as adoption of unfair means during examinations and other contexts.

- Communications with fellow students for obtaining help.
- Copying from another student's scripts /report.
- Copying from printed matters, hand written manuscript, Writing from desk or palm of a hand or from other incriminating documents.
- Possession of any incriminating document whether used or not.
- Any approach in direct or indirect form to influence teacher concerning tutorial or case assignment.
- Unruly behaviour which disrupts academic program. Adoption of unfair means may result in the dismissal of the student from program and expulsion of the student from the college.

EXPULSIONS/CANCELLATION OF ADMISSION

Any student will be expelled from the college or admission cancelled without the notice/ warning

notice for any of the following causes:

- Absence from college.
- Not to take part in internal examinations.
- To fail in the internal examinations.
- To write something on tables or walls.
- To behave badly with anybody.
- To do or get involved in any activity inimical to law and order.
- To break or fail in complying with law and order.

Even if needed be, the registration in the university may be cancelled. Any recommendation or persuasion about this will be treated as the double crime.

STUDENTS' WELFARE COUNCIL

The college has no students' council. But there is a students' welfare council under the supervision of teachers for the overall welfare of the students. It functions to conduct all types of co-curricular activities supplementary with education. Aside from this, a welfare organization named 'Bandhan' is working for the help of the poor and bright students.

STUDENT POLITICS AND SMOKING PROHIBITED

All kinds of political activities and smoking are entirely prohibited at college. The habit of smoking will be considered as a disqualification.

CLUB AND SOCIETY

There are clubs for general knowledge, debate, Voice of America (VOA) fan, recitation, drama, music, cycling and skating, table tennis, Red Crescent, Rotaract etc. Students flourish their potentiality being the members of these clubs of their own accord. Besides, the B.N.C.C. is functioning as well.



Annual Feast program of the college

GENERAL KNOWLEDGE CLUB

General knowledge club has been introduced so that the students can prepare themselves well for the future competitive examinations.

EXTRA- CURRICULAR ACTIVITIES

Extra-curricular activities like sports, literary and cultural program, publishing monthly, yearly and wall-magazine, conducting seminar and debate on various national and religious days, and picnic on different spots are arranged for the physical, mental and spiritual development of the students.

INTER SECTION AND CLASS COMPETITION

With a view to creating competitive mentality, competition on debates, sports, literary and cultural activities and on cleanliness are held among the students on the basis of section and class.

DEVELOPMENT OF LEADERSHIP

For the flourishing of leadership quality, students are assigned with various activities of the college and best activist or personality is awarded.

GUARDIAN MEETING

Guardians (only ID card holders) are allowed to meet with the students during class hours only with the prior permission of the authority. Such permission is given in case of emergency.

RECORD FILING

Records of students' personal activities are kept and used to evaluate their results.

INTERNAL EXAMINATIONS AND PROCEDURE OF EVALUATION

Midterm examinations, tutorials, class tests, quizzes are held regularly with a view to flourishing their talent and for internal evaluation. Besides, students have to participate in case studies, presentations and submit assignment. It is mandatory for the students to take part in the internal examinations. In no way, students are allowed to remain absent from the examinations. Sick-beds are arranged for ailing students for conducting examinations. Admission is cancelled or transfer certificate is given to the students who remain absent from the examination.

STUDY TOUR

Study tours or excursions are arranged to different industrial factories, banks, stock exchange and different places of historical importance in different times of the year.



Performance of Drama Club, DCC

VIEWS EXCHANGING MEETING

Views exchanging meetings among students, guardians and teachers are held on a date fixed by college/departmental authority or after the exams. It is a must for the guardians to be present there. Infact an examinee's progress in study or overall development depends on the united efforts of the students, teachers and guardians. In this way the students can make good results.



CSE Exam Hall

ARRANGEMENT OF SEATS

Every student is to sit on his/her own seat. It is prohibited to write down anything on tables or walls.

VISITING PROFESSORS AND GUEST SPEAKERS

Prominent teachers of different Universities and institutes are invited to deliver lectures on specific subject as visiting professors. Moreover, famous businessmen, bankers, social workers are invited as the guest speakers to give the students practical knowledge.

FEE STRUCTURE*

Fees: Total fees for the entire CSE(Hons.) Professional Program (in 4 years) for the session 2018-2019 is only Tk. 2,25,000/- (can be paid in 16 installments) excluding National University registration and examinations fees.

Fees Payment schedule would be:

1st installment (i.e. Tk. 15,000X1)	Tk. 15,000
2nd to 16th installment (Per installment Tk. 14,000; i.e. Tk. 14,000X15)	Tk. 2,10,000
Total=	
	Tk. 2,25,000

Seminar Fee Tk. 1500/- each year

Financial Waiver: 10% financial waiver for the Ex-students of Dhaka Commerce College and on the basis of National University semester result special financial waiver will be given.

FEES DEPOSITION

After collecting papers from accounts section of the college, semester tuition fees and other fees should be deposited in the collection centre of Social Islami Bank Ltd. at college premises on fixed date and time. Receipts of paying fees must be shown to the office of the college.

THE FACULTY

The CSE Professional Program has a highly qualified and trained faculty who guide and take responsibility for the standard of education and that is imparted to students at the Department of Computer Science And Engineering (CSE). The department consists of the following members:

1. Program Director
2. Other full time and part time teachers



Admission form distribution of CSE Professional Program

Photo Album of CSE Professional Program



Prize Giving Ceremony 2015



Governing body meeting of DCC



Dhaka Commerce College was awarded the best non-govt. college by National University in 2015.



International mother language day celebration



A discussion program being held on the occasion of the National Mourning Day 2018; renowned Journalist Abed Khan is the chief guest



Principal and vice- Principal participating in indoor game (Chees)



Rabindro-Nazrul birth celebration



Iftar party at DCC



Iftar party 2017



Freshers reception program



Blood donation campaign held in Dhaka Commerce College on the occasion of National Mourning Day 2018



The renowned cultural personality and Freedom Fighter Nasir Uddin Yusuf is delivering his speech in the program of the Independence Day 2018



GB Chairman's Home



Victory day celebration 2016



Annual Sports Program



Teachers & Students introducing ceremony



Silver Jubilee celebration program



CSE



A program is being held on the occasion of the 99th Birthday of the Father of Nation; Prof. Md. Abu Syed presided the program



Gossiping at roof garden of DCC's building-1



Nau Vromon 2018



Teacher and Students at EEC Lab



GB Chairman's Home



CSE students at class room



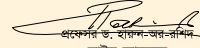
জাতীয় বিশ্ববিদ্যালয়
বাংলাদেশ

কলেজ র্যাংকিং ২০১৬
সনদপত্র

২০১৬ সালের কলেজ র্যাংকিং-এ ঢাকা কমার্স কলেজ জাতীয় পর্যায়ে সেরা বেসরকারি কলেজ নির্বাচিত। প্রাপ্ত স্কোর ৬৩.২৮।

৪ঠা ফেব্রুয়ারি ২০১৮
২২শে মার্চ ১৪২৪

শুভেচ্ছা ও অভিনন্দন


প্রফেসর ড. হোসেন-অর-রশিদ
ডাইস-চ্যাপেলর



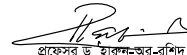
জাতীয় বিশ্ববিদ্যালয়
গাজীপুর

কলেজ র্যাংকিং ২০১৫
সনদপত্র

ঢাকা কমার্স কলেজ ২০১৫ সালের কলেজ র্যাংকিং-এ বেসরকারি কলেজসমূহের মধ্যে ১ম স্থান অর্জন করে।
প্রাপ্ত স্কোর ৬১.৮৫।

২০শে মে ২০১৬
৬ই জুলাই ১৪২৩

শুভেচ্ছা ও অভিনন্দন


প্রফেসর ড. হোসেন-অর-রশিদ
ডাইস-চ্যাপেলর



জাতীয় শিক্ষা সপ্তাহ ২০০২

শিক্ষা মন্ত্রণালয়

সনদপত্র

শ্রেষ্ঠ শিক্ষা প্রতিষ্ঠান বিবেচিত হওয়ায়

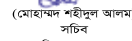
ঢাকা কমার্স কলেজ

উল্লেখ্যস্থানা রোড, মিরপুর, ঢাকা-১৫

এ সনদপত্র প্রদান করা হল।

শিক্ষার উন্নয়নকে মনোযোগের সাথে
শিক্ষা মন্ত্রণালয়

১৪ ফেব্রুয়ারি ২০০২


(মোহাম্মদ শহীদুল আলম)
সচিব
শিক্ষা মন্ত্রণালয়
গণপ্রজাতন্ত্রী বাংলাদেশ সরকার



জাতীয় শিক্ষা সপ্তাহ ১৯৯৬


শিক্ষা মন্ত্রণালয়

সনদপত্র

শ্রেষ্ঠ শিক্ষক/শিক্ষা প্রতিষ্ঠান রূপে বিবেচিত

ঢাকা কমার্স কলেজ, ঢাকা-১৫

এই সনদপত্র প্রদান করা হল।


সচিব
শিক্ষা মন্ত্রণালয়
গণপ্রজাতন্ত্রী বাংলাদেশ সরকার

CSE PROFESSIONAL PROSPECTUS



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (CSE)
DHAKA COMMERCE COLLEGE

SELF FINANCED, FREE FROM POLITICS & SMOKING
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Email: dcc.cse16@gmail.com, Website: www.dcc.edu.bd