Prospectus



M. Sc. in CSE (Professional) Program

Department of Computer Science and Engineering
Faculty of Science
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01. Preamble:

Department of Computer Science & Engineering of the Jagannath University is going to offer M.Sc. in CSE (Professional) Program to prepare skilled, qualified IT professionals and researchers. The curricula will be formulated by teaching methodologies based on persuasive thinking to help students in maximizing their performance. This area is extremely broad and has been advancing rapidly in the last two decades. This field is the use of computer and information technology to ease human labor or extend the mental or physical capabilities of human. It is ever-evolving. While in ancient times, it was mechanization of some simple process; today it becomes an integrated process. All advanced technologies in this field demand manipulation of a large amount of information in real time, and only with today's advanced computer technology can they be practical. Due to rapid advances in field many practicing engineers cannot keep pace with the latest development.

With the outstanding faculty members here in the department, we are confident in accomplishing our mission and looking forward to an ever-bright future.

In order to fulfill the M.Sc. degree requirements, a student must achieve a total of 39 credit hours with a minimum CGPA 2.50. Students may belong to either thesis or project group. These is group students take 27 credit hours course work (9 Courses), 12 credit hours thesis. Project group students should take 33 credit hours course work (11 Courses), 6 credit hours project. The length of study is divided into three semesters. The maximum length of study is three years. All courses are to be taught in the evening and/or weekend and elected from the course offered in the M.Sc. in CSE (Professional) Program.

02. Title of the Program and Name of the Degree:

This program is known as M.Sc. in CSE (Professional) Program and students after completing all the requirements of program will get degree Master of Science in Computer Science and Engineering from the University.

03. Objectives of the M.Sc. in CSE (Professional) Program:

One of the major objectives of the M.Sc. in CSE (Professional) Program of the department is to update knowledge of the students/professionals in different functional areas of Computer, Hardware, Software and IT with special emphasis on various aspects of the field of Computer Science & Engineering. Thus, the program aims at making the professionals technically more competent in solving problems in the relevant fields.

The specific objectives of the program are:

a. Preparing students of different background with the necessary skills and techniques for developing career in the field of Computer Science & Engineering.
b. Promoting students perceptions of various functional areas of IT and developing their understanding of interrelationships among them.
c. To prepare skilled and qualified IT Professionals not only for local market but also for the global market.
d. Developing critical thinking, interpersonal communication skills and leadership qualities of the students to enable them to work efficiently and effectively.

04. Admission Requirements and Procedures:

Eligibility for submission of application for the Admission Test are as follows:

(a) 16 years of schooling, according to any one of the following structures-

S.S.C (equ.) + H.S.C (equ.)=12	Graduation=4	Total 16 years
S.S.C (equ.) + H.S.C (equ.)=12	Graduation=3 Master=1	Total 16 years

* Having a 4-year graduation in Computer Science/Computer Engineering/Computer Science &Engineering/Information Technology/Electrical and Electronics Engineering/Information and Communication Engineering/Technology, or in related subjects.

* Having a 4-year graduation in Physics, Statistics and Mathematics [upon selection by the M.Sc. in CSE (Professional) Admission Committee].

c) No 3rd Class /division (or equivalent)

05. Allocation of Marks:

Total Marks allocated for assessing the application to determine eligibility for admission in M.Sc. in CSE (Professional) Program as under:

Evaluation Areas	Marks Allocated
Written Test	80
Viva-Voce	20

06. Admission Test:

Total marks of written test are 80. The test will cover the areas of major courses of Computer Science & Engineering. Candidates are required to qualify the written test. Qualifying mark is 40%. Use of calculator or other devices are strictly prohibited in the Exam Hall.

07. Viva-Voce:

Viva-Voce will be conducted under arrangement of predesigned Interview Board. All Candidates must have to bring all original academic certificates, marks sheet/transcripts and admit card of admission test.

08. Selection for Admission:

Student for admission shall be selected on the basis of the admission test and viva-voce.

09. Seat Capacity:

Eighty (80) students will be admitted in one intake (Class size will be maximum 40 students). Number of students/seats may be changed in course of time.

10. Academic Year and Semester:

The academic year is divided into two semesters as under:

Semesters	Duration
Spring	January to June
Fall	July to December

11. General Fees and others Charges:

Break up of Fee and Charges:

SL#	Head	Rate (BDT.)*
1	Registration Fee	: Tk. 10,000 (at the time of admission)
2	Semester Fee	: Tk. 4,500 (each semester)
3	Seminar Fee	: Tk. 4,000 (each semester)
4	Lab Fee	: Tk. 4,000 (each semester)
5	Course Fee (Total 39 Credits)	: Tk. 3000 (per credit)
6	Improvement/Incomplete	: Tk. 2,500 per course
7	Make-up Mid-Term Examination Fee	: Tk. 1,500 per course
8	Admission Form	: Tk. 1500+20 (Service charge)

❖ Total cost will be approximately Tk. 1,65,000/- (One Lac Sixty Five Thousand only) payable at three semesters.

** All fees and charges are subject to change