

**INSTITUTE OF INFORMATION TECHNOLOGY  
(IIT)  
UNIVERSITY OF DHAKA  
DHAKA-1000, BANGLADESH**



**EXECUTIVE MASTER IN INFORMATION  
TECHNOLOGY  
(2<sup>nd</sup> Batch)  
Session: 2022-23 (Spring)  
INFORMATION FOR ADMISSION**



**Please read carefully before submission of your application**

Web: <http://www.iit.du.ac.bd>

**November, 2022**

## **Institute of Information Technology (IIT)**

Institute of Information Technology (IIT), University of Dhaka started its journey in June 2001 to create efficient manpower in information technology. IIT currently offers Bachelor of Science in Software Engineering (BSSE), Master of Science in Software Engineering (MSSE), and Executive Master in Information Technology (MIT). Apart from its regular activities, it also produces state-of-the-art researches and those are published in world class journals and conferences.

IIT has a silent ambience and is adjacent to the Dhaka University Science Library. The four-storied red ceramic IIT building contains six software laboratories, one seminar library and two large classrooms. The laboratories and classrooms are air-conditioned and equipped with multimedia, document camera system and Internet facilities.

The sole purpose of IIT is to plant the seed of professionalism, excellence and respect through teaching based on real life experience. IIT believes that doing so should aid in realizing its vision. The main focus of IIT is to enhance the competitiveness of the students through academic innovation and research which will eventually help them to serve the society effectively.

## **Executive Master in Information Technology**

The program entitled “Executive Master in Information Technology” will be conducted by the Institute of Information Technology (IIT) of the University of Dhaka. The program extends over 3 (three) semesters (6 months/semester) of study. Classes will be held in the evening. The program requires 30 credits of course work and 6 credits of project/internship (total 36 credits).

This document serves as the brochure for the MIT program, conducted by the Institute of Information technology, University of Dhaka.

## **Program and Admission Details**

### **1. Credit Distribution:**

1 Credit Theory = Total 14 hours of class work

1 Credit Lab = Total 28 hours of lab work

### **2. Total Semester/Class Length:**

The MIT program is a program consisting of 3 (three) semesters. Each semester has duration of 6 (six) months to be distributed as follows:

- |                                |  |
|--------------------------------|--|
| <b>(a) Classes</b>             | : Fifteen weeks  |
| <b>(b) Preparatory Leave</b>   | : Maximum two weeks  |
| <b>(c) Semester Final Exam</b> | : Three weeks  |
| <b>(d) Vacation</b>            | : Only the usual university’s vacation will be applicable. |

3. Course Outline and Schedule of the program is as follows:

**First Semester: (4 Major Courses)**

Course Code	Course Name	Credits	(Theory + Lab) Credits
MITM 303	Advanced Computer Networks & Internetworking	3	2+1
MITM 304	Database Architecture and Administration	3	2+1
MITM 310	Advanced Data Structures and Algorithms	3	2+1
MITM 311	Advanced Object-Oriented Programming	3	2+1
<b>Sub Total</b>	<b>4</b>	<b>12</b>	<b>8+4</b>

**Second Semester: (2 Major Courses + 2 Elective Courses)**

Course Code	Course Name	Credits	(Theory + Lab) Credits
MITM 301	IT Project Management	3	2+1
MITM 305	Web Technology and Internet Computing	3	2+1
MITE 4XX	Elective 1	3	2+1
MITE 4XX	Elective 2	3	2+1
<b>Sub Total</b>	<b>4</b>	<b>12</b>	<b>8+4</b>

**Third Semester: (2 Elective Courses + Project/Industrial Attachment)**

Course Code	Course Name	Credits	(Theory + Lab) Credits
MITE 4XX	Elective 3	3	2+1
MITE 4XX	Elective 4	3	2+1
MITM 421	Project for MIT / Internship	6	0+6
<b>Sub Total</b>	<b>2</b>	<b>12</b>	<b>4+8</b>

**Elective Courses:**

IIT will offer elective courses from the following tracks based on demand and the availability of the resource personnel, and IIT preserves the right to add/remove tracks/courses at any semester.

**Data Science Track:**

SL#	Course Code	Course Name
1	MITE 436	Artificial Intelligence
2	MITE 430	Machine Learning
3	MITE 437	Data Mining
4	MITE 431	Big Data Analytics

**Information Security Track:**

SL#	Course Code	Course Name
1	MITE 432	Cryptography and Security Mechanisms
2	MITE 442	Network Security
3	MITE 438	Secured Software System
4	MITE 433	Cyber Security

**Software Engineering Track:**

SL#	Course Code	Course Name
1	MITE 434	Software Quality Assurance and Testing
2	MITE 439	Software Requirements Engineering and Design
3	MITE 435	Software Design Pattern
4	MITE 441	Software Maintenance and Analytics

4. IIT offers flexibility of course enrollment per semester. Students will be required to enroll for a minimum 6 credits per semester and will be able to enroll for a maximum of 12 credits. The institute authorities will distribute the subjects according to the desired number of credits to the students. However, in the final semester, the students will enroll in the remaining courses. Students can also apply to withdraw semesters in case of any special reason after completing his/ her first semester. However, failure to complete the program within a maximum of ten consecutive semesters will result in student registration being considered canceled. After semester withdrawal approval, the student has to maintain the studentship by paying the semester fee of that semester.
5. The **“Online Application Form”** is available at the website <https://admission.iit.du.ac.bd>.
6. Applicants must satisfy the following requirements:
  - (a) 4-year graduation in SE/CS/CSE/CIT/IT/ICT/ECE/ETE/EEE (or equivalent degree).
  - (b) Candidates must have at least CGPA 2.50 on a scale of 4.00 at graduation level.
  - (b) No third class/division (or equivalent) in any public examination.
6. Number of seats for MIT is limited to 40 (forty). However, IIT authority preserves the full right to decide the number for the respective batch considering its available resource prior to the enrollment.
7. Experiences in IT sector will carry preferences.
8. The MIT program students will not avail DU hall accommodation privilege.
9. The MIT students will receive an ID card from the institute (IIT).

**10. Schedule for the Admission Test:**

Last date to submit the application	02 January, 2023
Venue & time for written test	Venue: IIT, University of Dhaka Date: 07 January, 2023 (Saturday) Time: 3.00 p.m. – 4:30 p.m.
Publication of the written test result	10 January, 2023
Date of viva voce	Venue: IIT, University of Dhaka Date: 16 January, 2023 (Monday) Time: 6.00 p.m.
Date for Publishing the list of eligible candidates	18 January, 2023
Date of registration from the merit list	19 January – 06 February, 2023
Date of registration from the waiting list (if required)	07 – 13 February, 2023
Orientation and classes begin	15 February, 2023

Admission test will be held in **two** phases. Written examination will test Computer, Quantitative, Analytical, and English language proficiency. Successful (written test) candidates will have to appear a viva voce for final selection to enroll in MIT. Some important points regarding written test are as follows:

- a) All questions will be in English.
- b) Questions will be multiple choice type.
- c) Total time will be 90 minutes and total marks will be 90.
- d) Candidates have to answer in OMR sheet with black ball point pen.

**11. Fees and others:**

		<b>1<sup>st</sup>Semester</b>	<b>2<sup>nd</sup>Semester</b>	<b>3<sup>rd</sup>Semester</b>	<b>Total</b>
Admission fee		12,000	---	---	12,000
Semester fee	10,000/Semester	10,000	10,000	10,000	30,000
Lab usage fee	8,000/Semester	8,000	8,000	8,000	24,000
Course Credit fee*	4,500/Credit	54,000	54,000	54,000	1,62,000
<b>Total:</b>		<b>84,000</b>	<b>72,000</b>	<b>72,000</b>	<b>2,28,000</b>

\*Credit fee Tk.4,500/- per credit.

At the time of admission, a student has to pay a sum of **Tk. 84,000/-** [total amount for the first semester]

Moreover, each selected student having foreign university background has to obtain the approval of the equivalence committee according to the rules by the University of Dhaka. On approval of equivalence committee, they can get enrolled.

**12. Grades in each subject will be assigned as follows:**

<b>Marks</b>	<b>Letter Grade</b>	<b>Numeric Grade</b>	<b>Comments</b>
80% or above	A+	4.00	Excellent
>= 75% but < 80%	A	3.75	Better
>= 70% but < 75%	A-	3.50	Good
>= 65% but < 70%	B+	3.25	Above Average
>= 60% but < 65%	B	3.00	Average
>= 55% but < 60%	B-	2.75	Below Average
>= 50% but < 55%	C+	2.50	Satisfactory
>= 45% but < 50%	C	2.25	Not satisfactory
>= 40% but < 45%	D	2.00	Pass
Less than 40%	F	0.00	Fail

**13. Degree Requirement for MIT**

- (a) Completion of 36 credits, AND
- (b) Passing of all courses individually with at least D grade, AND
- (c) Grade Point Average (GPA) of 2.5 or above.

14. The registration for MIT is valid for 5 years after the date of registration.

15. A minimum D grade in a subject will be considered as pass in the corresponding subject. However, in order to complete the program, a student has to pass a project / internship (minimum D grade) with a total of 10 subjects and achieve a minimum CGPA of 2.5. As a result, if a student's CGPA falls below the minimum 2.5 at any stage of the program, he or she will be able to re-take some courses to improve his or her CGPA.

16. After successful completion of the course, all the students will be awarded a certificate from the University of Dhaka showing CGPA and transcript showing details of grades obtained in various semesters.
17. The IIT authority will resolve any other points not mentioned in this document. Application for admission implies agreeing to abide by all rules and regulations of the IIT and also future decisions of the IIT.

**“Information for Admission” (MIT Brochure)** can be downloaded directly from the website (<http://www.iit.du.ac.bd>) of the Institute of Information Technology, University of Dhaka.