Govt. & UGC Approved

UITS

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University of Information Technology & Sciences

Future will be better than thy past

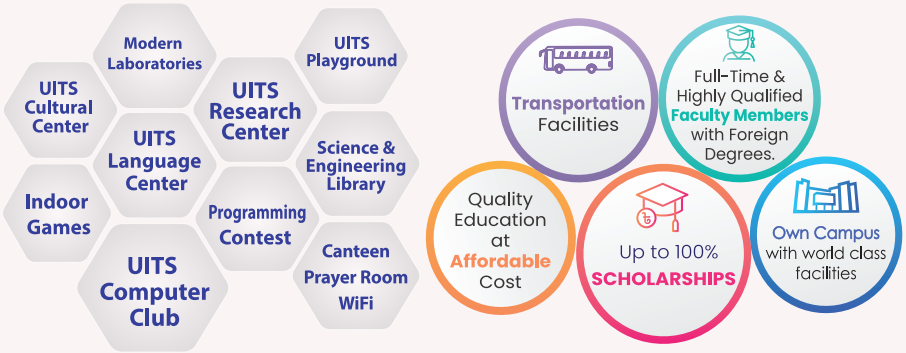
The Department of Computer Science and Engineering (CSE) has been established in 2005. It has a group of growing, dynamic, research-oriented faculty who takes great pride in their longstanding record of excellence in teaching styles in undergraduate education.

The vision of the department of CSE is to mould the next generation engineers and scientists in a student-centered learning environment to reach digital fluency in Computer Science & Engineering. The challenge is to make the students competent, skilled leaders in the wake of the ever-changing and challenging global working environment of the 21st century.

M.Sc. Engg. in CSE / Master of Engineering (M.Engg.) in Computer Science and Engineering (CSE)

For admission to the courses leading to a degree of M. Sc. Engg., an applicant must earn a minimum of 36 credits including a thesis for which 18 credits shall be assigned. The courses will be offered for the students who have obtained B.Sc. Engg. Degree in CSE from any recognized institution.

For admission to the courses leading to a degree of M. Engg., an applicant must earn a minimum of 36 credits including a project for which 6 credits shall be assigned. An applicant with a B.Sc. Engg. degree in other branches of engineering who have strong technical background may also be eligible for admission to the courses leading to the degree of M. Engg.



M.Sc. Engg. in CSE

Total 36 Credits | 6 Months Semester

Total Cost

The following table represents the total Cost for the regular program of M.Sc. Engg. in CSE in BDT.

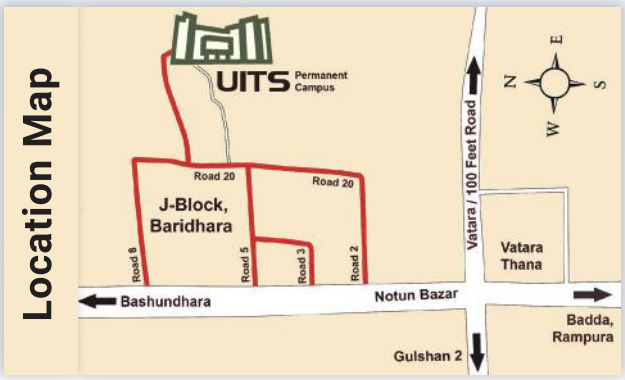
Admission Fees (One time)	
Admission form	500
Admission Fee	10,000
Student welfare	200
Other Fees (Per Semester)	5,000
Including Library Fee, Laboratory Fee, Transport Fee and Co-curriculum Fee.	
Tuition Fee (per credit)	2,600
Total Tuition Fees (36 Credits)	93,600
Total Program Cost	**1,14,300**

Scholarship & Waiver Policy

- For CGPA 3.0 in Bachelor/Hons./ equivalent degrees — 10%
- For CGPA 3.5 in Bachelor/Hons./ equivalent degrees — 15%
- Spouse [for both] — 20%
- Siblings [for both] — 20%
- UITS Graduate — 25%

- Sufi Mizanur Rahman Foundation Scholarship Fund (For meritorious students suffering from financial hardship)
- Ratnagarbha Tahmina Rahman Scholarship Fund (Based on semester results)
- Hon'ble Chairman/BoT/Vice Chancellor's Scholarship

* Terms and conditions apply



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University of Information Technology and Sciences

M.Sc. Engg. in CSE / Master of Engineering (M.Engg.) in Computer Science and Engineering (CSE)

List of Courses

Course	Course Title	Cr.
CSE6000	Thesis/Project	18/6
CSE6102	Computer Arithmetic	3.0
CSE6103	Advanced Logic Design	3.0
CSE6205	Computer Organization and Design	3.0
CSE6206	Advanced Microprocessor	3.0
CSE6207	Advanced Dependable and Fault-Tolerant Computer Systems	3.0
CSE6301	Software Project Management	3.0
CSE6302	Software Quality Assurance	3.0
CSE6303	Information System Management	3.0
CSE6304	Software Testing	3.0
CSE6305	Programming Languages and Systems	3.0
CSE6401	Parallel Algorithms	3.0
CSE6402	Graph Theory	3.0
CSE6403	Computational Geometry	3.0
CSE6404	VLSI Layout Algorithms	3.0
CSE6405	Graph Drawing	3.0
CSE6406	Bioinformatics Algorithms	3.0
CSE6407	Combinatorial Optimization	3.0
CSE6408	Advanced Algorithms	3.0
CSE6409	Stringology	3.0
CSE6410	Advanced Algorithmic Graph Theory	3.0
CSE6411	Computational Biology	3.0
CSE6501	Advanced Artificial Intelligence	3.0
CSE6502	Symbolic Machine Learning-I	3.0
CSE6503	Symbolic Machine Learning-II	3.0
CSE6504	Advanced Syntactic Pattern Recognition	3.0
CSE6505	Speech Recognition	3.0
CSE6506	Data Mining	3.0
CSE6507	Machine Translation	3.0

Course	Course Title	Cr.
CSE6508	Evolutionary Algorithms	3.0
CSE6509	Text-to-Speech Synthesis	3.0
CSE6601	Advanced Database Systems	3.0
CSE6602	High Dimensional Data Management	3.0
CSE6603	Data Management in the Cloud	3.0
CSE6604	Information and Social Networks	3.0
CSE6605	Mobile Computing	3.0
CSE6701	Neural Networks	3.0
CSE6702	Mathematical Programming	3.0
CSE6703	Petri Net Theory and Modeling of Systems	3.0
CSE6704	Fuzzy Systems	3.0
CSE6705	Meta-Heuristics	3.0
CSE6706	Advanced Digital Image Processing	3.0
CSE6707	Image Retrieval	3.0
CSE6708	Semantic Web	3.0
CSE6801	Distributed Computing Systems	3.0
CSE6802	Multimedia Systems	3.0
CSE6803	Computer Graphics and Animation	3.0
CSE6804	Computer Communications and Networks-I	3.0
CSE6805	Computer Communications and Networks-II	3.0
CSE6806	Wireless and Mobile Communication Networks	3.0
CSE6807	Elements of Cryptography	3.0
CSE6808	Wireless Resource Management	3.0
CSE6809	Distributed Search Techniques	3.0
CSE6810	Multimedia Encoding	3.0
CSE6811	Wireless Ad Hoc Networks	3.0
CSE6812	Wireless Sensor Networks	3.0
CSE6813	Network Security	3.0
CSE6900	Special Topics Related to Computer Science and Engineering	3.0