

The Daily Star HIGHER EDUCATION SUPPLEMENT

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Computer Science A Department with a Vision



Northern University Bangladesh (NUB) has established itself as one of Bangladesh's premier educational institutions since its founding in 2002. Since the last 10 years, our institution has rapidly grown into a vital part of the education sector of Bangladesh. NUB offers diplomas, undergraduate and postgraduate degrees in various disciplines for its students. NUB has a spacious and open permanent campus in the heart of Ashiana, walking distance from the airport. Among NUB's many departments, our Computer Science and Engineering (CSE) department is one of the most innovative and country's top-performing CSE department of the country.

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I feel extremely privileged to be a part of this department of NUB, both the Faculty Members and students are quite helpful and never hesitate to extend their helping hands in any need of the students. This environment is making our educational journey smooth and fruitful.

-Saddam Hosen,
Student of CSE Department
Northern University Bangladesh

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Department at a Glance

The Department of Computer Science and Engineering includes about 2,000 students and 6,000 alumni. Students at NUB CSE can use the general education courses offered here to focus on expanding their overall understanding of the world and the industries in which they intend to work. Students can also transfer their credits to pursue Exchange Programs internationally in other countries. NUB CSE offers state-of-the-art educational facilities, modern teaching methods and smart classrooms for the convenience of students. The total tuition fees for the 4 years or 12

trimester based undergraduate programs around 5.5 Lakh Taka. Aside from offering special scholarships to students based on merit, members of tribal communities, wards of Freedom Fighters and students whose siblings study at our institution, NUB creates opportunities for its students to be able to afford their education, with up to 100% waivers on tuition fees. Students will also be able to take a Student Service Loan (SSL), from our partnered bank, Bank Asst, to help finance their education.

Faculty Strength

The CSE department's faculty members have extensive academic teaching experience in a variety of settings and are well competent in their fields. Our faculty members are also acutely aware of the practical requirements the industry has for CSE graduates, since our institution maintains strong industrial relations with several local and international corporate institutions. They receive quality professional training, and go on foreign trips to increase their international exposure.



Ayman Ismail, Founder of 12 Minute School (left), Prof. Dr. Young Abdullah, Chairman of Northern Education Group (middle), and Dr. Shaukat Hossain, Honorable Minister of Education (right) at the 5th Annual Convocation of Northern University Bangladesh

Facilities for Students

NUB is devoted towards high standard of care for its students and facilities. In order to ensure students are able to grow as professionals, our department has inspiring and interesting extracurricular activities our students can take part in. The department has a Computer Club, which plays an active role in organizing various events. NUB features different specialized labs for CSE students to build practical skills for the professional world. NUB offers a software Lab for software engineering and graphics, a Network Lab for simulation software and CCNA training, a Fundamental Lab for programming language courses, an Internet Lab with high-speed internet browsing, a 3D Printing Lab, a Robotics Lab and an AI & Digital Image Processing Lab.

Achievements

There has been a great increase in the number of students enrolling at NUB. In the last couple of years, with semesters seeing a strong influx in students wishing to pursue their education at NUB. A record high 95% of our graduates are able to secure a job within 6 months, demonstrating a high employability ratio of our graduates. Some of our students have found employment in Fortune 500 companies like Google, Amazon and Microsoft. In the past 5 years, our institution has bagged more than 25 different awards. Some of our recent achievements include, Mahbub Sajon winning the UCB Public Parliamentary Debate Competition in 2021. Saddam Hosen, the General Secretary of the NUB Computing Club, won the bdapps Campus

Hero Challenge. Modia Akhter, a NUB CSE student, received the Campus Ambassador award for her outstanding achievement in Unisator.

Industrial Relations

The world of computer science offers professional opportunities in an abundance of avenues, which include financial technology, database management, quantitative modelling, and working for the United Nations and ICT Ministry. NUB career counseling department holds job fairs every semester to enable students to interact with various businesses and organizations operating in multiple industries. Our institution has professional contracts with several industry leading corporations, and many of their renowned heads come to our institution as Guest Lecturers and Knowledge Partners.

The Future

Professor Md. Rafton-ul-Masood, the honorable chair of the CSE department, welcomes all students to the NUB CSE community. NUB aspires to be one of Bangladesh's most leading educational institutions, with a strong focus on student satisfaction and high standards of care. With the implementation of Digital Bangladesh, NUB is committed on playing a strong role in the transitioning of Bangladesh in the next 10 years.

If you are interested in joining Northern University Bangladesh or learning more about us, please visit our website or come to our permanent campus to participate in the 360° Tour to learn more about your future goals.

