

# 1st Convocation 2002

## Ahsanullah University of Science and Technology

Sponsored by: Dhaka Ahsania Mission

Special Supplement

Monday April 22, 2002

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### An insight into the AUST



**PRESIDENT**  
PEOPLE'S REPUBLIC OF BANGLADESH  
DHAKA  
22 April 2002

#### Message

Bismillahir Rahmanir Rahim

I welcome the first Convocation of the Ahsanullah University of Science and Technology.

A Convocation is an important event for the graduating students. It is a formal recognition of their academic achievement and a day of great rejoicing for the students, guardians and the teachers. I congratulate the graduating students and hope that they would serve the nation with utmost dedication.

I wish the Convocation a great success.

*Professor A Q M Badruddoza Chowdhury*



**কাজী রফিকুল আলম**  
মন্ত্রী  
শিক্ষা মন্ত্রণালয়  
গণপ্রজাতন্ত্রী বাংলাদেশ সরকার

#### Message

Bismillahir Rahmanir Rahim

I am delighted to know that Ahsanullah University of Science and Technology will hold its first Convocation on 22 April, 2002. Convocation is a very special event for graduating students as well as for their families & friends. I hope that the graduates will utilise their knowledge and skills for the development of the country.

I wish the Convocation a success, the graduating students a meaningful life and the University continued progress.

*M. Osman Farruk*



**Professor M. H. Khan**  
Vice-Chancellor  
Ahsanullah University of Science & Technology

#### Message

I am happy that we are holding the first convocation of our University on 22 April, 2002 and the Hon'ble President of Bangladesh and Chancellor of the University Professor A Q M Badruddoza Chowdhury is conferring degree on our graduates of 1999, 2000 and 2001.

This University started its journey in 1995 in a humble way but with firm determination for offering quality education in the field of science and technology. With active support from the faculty and administrative staff the university has already produced excellent graduates. We hope our graduates will uphold the image of their Alma-mater in their future life and work and serve the nation to their best ability.

*Professor M. H. Khan*

#### Background

The Ahsanullah University of Science and Technology (AUST) was founded by the Dhaka Ahsania Mission in 1995. Dhaka Ahsania Mission is a non-profit voluntary organization in Bangladesh. The Mission was established in 1958 by Khanbahadur Ahsanullah, an outstanding educationist and social reformer of undivided India. Though initially charity and welfare activities were the major focus of the Mission agenda, it has expanded its arena of activities leaning towards sustainable development strategies with the passage of time since early 1980s. Dhaka Ahsania Mission is the recipient of the highest state award—'Independence Award-2002'.

#### Aims and Objectives

The aims and objectives of the University can be summarized as follows:

To impart need based programs of science, technology, business and social sciences for the students who will attend classes in the University, as well as for those who are unable to attend classes and desire home based study.

To offer programs covering all important fields and disciplines of science, technology, medical science, business and social sciences including teachers' training.

To develop programs examining the modern trends on the need and development of science, technology, business, social sciences and human resource development; observing carefully the employment opportunities and market needs both at home and abroad.

To organize programs in science, technology, business and social science including teachers' training for awarding degrees, diplomas and certificate of proficiency at all levels.

To arrange two methods of delivery - a) in-campus education and b) open learning system.

To go for gradual expansion of departments and programs of learning as per rules and regulations of Private University Act, 1992 and in accordance with the needs of the country and the demand abroad.

#### The Campus

At present, the classes are being held in a hired six storied and a four-storied buildings having functional area of about 38,400 sq. ft. at 20, West Testuri Bazar Road, Tejgaon (Western side of WASA Bhaban, Kawan Bazar), Dhaka-1215. Two more floors (3rd and 4th floor) having functional area of about 14,800 sq. ft. at 50, Kazi Nazrul Islam Avenue, Tejgaon (adjacent to the existing campus) have been taken on rent for holding classes of the Departments of Architecture and Electrical and Electronic Engineering. The classes of Business Administration are being held in a newly built building in front of the six-storied building. Most of the facilities for academic activities of the University are available here.

The main campus of the University is proposed to be built on a 5-ha plot of land recently acquired in Tejgaon Industrial Area which is located in the heart of the city of Dhaka and which is due to change from an industrial to a commercial land use in the years ahead.

The main building will have sufficient space for accommodation for all kinds of facilities to be needed for the University.

#### Laboratories

The AUST is gradually developing its required laboratories. It has already established i) eight computer labs, ii) digital lab, iii) electrical lab, iv) electronics lab, v) physics lab, vi) chemistry lab, vii) environmental engineering lab, viii) electrical machine lab, ix) microwave lab, x) soil mechanics lab, xi) transportation lab, xii) control lab, xiii) communication lab, xiv) switchgear lab, xv) project lab, xvi) photographic lab, xvii) textile testing and quality control lab.

#### Medium of Instruction

All lessons and lectures in the degree programs are delivered in English and as such proficiency in English is a prerequisite for the candidates to get admission in the degree programs.

#### International Relation and Continuing Education

A number of memorandums of understanding have been signed between this University and (i) The University of Wyoming, USA, (ii) The Drexel University, USA and (iii) The Washington State

University, USA so that the students of this university may have the opportunity to go for post graduate study and/or bachelor degree with appropriate transfer of credits. Similar arrangements are being made with other universities of USA, Australia, UK and Canada.

#### Department of Architecture

The B.Arch programme of the Department of Architecture involves a wide range of disciplines in the fields of Arts, Sciences and Engineering. The diversified theoretical courses are aimed at developing an understanding of the bases of architectural design problems. The studio sessions are then available for application of these knowledge and understandings to practical design problems. Thus, design studio works constitute a very important aspect of the B.Arch programme and continues from Design Studios I & II in the first year to Design Studios IX-X in the fifth or final year.

The department arranges regular annual exhibition of students' works at the beginning of each academic session. Besides, regular display of class projects of different classes are held to promote interclass communication and learning. Of all these exhibitions, the most eagerly awaited ones are those where graduating batches' terminal projects are displayed. These terminal projects set a standard which the younger students aspire to reach and surpass when they come to that level.

#### Department of Business Administration

The Department of Business Administration started its journey along with other departments of the University in 1995. This

#### Department of Civil Engineering

The Department of Civil Engineering was established in 1995. The total enrolment in the 4-year B.Sc. program is over 100 and maintaining a class size of about 25 students for effective teaching.

The Department has also established laboratories with sophisticated equipment on its campus.

The B.Sc. degree offered by the Civil Engineering Department at AUST has been officially recognized by the Institution of Engineers, Bangladesh (IEB). A number of Graduates of this Department are pursuing higher studies in different countries of the world. Some are working in the reputed consulting and construction firms of the country. A few of them have already appeared in the BCS Examination. The department is actively involved in the activities of the National and International Engineering Professional Bodies.

The department maintains close contact with the Institution of Engineers, Bangladesh (IEB). Apart from the academic programmes, the department organizes the comprehensive training on computer aided design, drawing and project management through Centre for Extension Service of the Department. The department arranges field visit, study tour, Seminars, and programmes on extra curricular activities.

#### Department of Computer Science & Engineering

The Department of Computer Science and Engineering (CSE) is the largest Department in Ahsanullah University of Science and Technology (AUST). The Departmental activities are

establishment of the university in 1995. The 4-year degree program is spread over eight semesters with two semesters per year. To impart up-to-date theoretical and practical knowledge, the undergraduate courses offered to the students have been thoughtfully designed considering the courses offered in reputed universities of home and abroad and also keeping in view the ever-increasing horizon of Electrical and Electronic Engineering. So far 43 students have been graduated in three batches and are employed both in public as well as reputed private technical organizations in the country. There are now 249 students studying in the department. It may be mentioned that under the credit transfer scheme, a good number of students of this department got transferred to US and Australian universities. Some of the graduates have already got admission for post-graduate studies in Canada and Australia and many others are on the way of getting admission in the universities of Germany, UK, Sweden and USA.

#### Department of Textile Technology

The programme of Bachelor of Science in Textile Technology was introduced in the session 1998-99. The first batch of students is now in the fourth (final) year of study. Efforts have been made to give a good shape to the department. As interim measures two MOUs have been signed with TIDC (Textile Industry Development Centre) under BTMC and JTPDC (Jute and Textile Product Development Centre) of BJRI to use the facilities there for conducting practical classes in textile core subjects. The department however aims to build laboratories and workshops of its own. Steps have already been taken in that direction. Setting up of Textile Testing and Quality Control Laboratory at the University is complete. The establishment of the laboratory for textile dyeing, printing and finishing and workshops for spinning weaving, knitting and clothing has been undertaken.

Co-operative relationship has been developed with a number of Textile Mills and Industrial Laboratories where the students were allowed to do their practical classes.

Endeavour is on to establish a close link with the textile industry in the country. Bangladesh Textile Mills Association has been approached for their cooperation and support in various forms. Our objective will always remain to produce textile graduates who will be deemed to possess exempting qualifications for the Associate-ship of the Textile Institute (U.K.)

#### Department of Related Subjects

The department of Related Subjects (R. S.) is one of the important departments and is offering courses of basic and social science to the students of different under graduate programs since the establishment of the university in 1995. Different courses of Mathematics, Physics, Chemistry, English, Economics, Accounting, Sociology and Industrial Management are being offered by this department. The aim of these courses is to extend conceptual and practical skills both intuitive and analytical powers of different under graduate students.

#### Department of Education

AUST opened its doors for the Faculty of Education in 1999 offering courses for the M.Ed (Master of Education). The Faculty has been housed in an impressive and spacious hired building at 3/D Shamoli, Street-1, Dhaka-1207.

Since its inception the Faculty of Education has been functioning smoothly with the professed aim of imparting quality teaching and training to turn out a cadre of honest, hardworking, devoted and dedicated teachers imbued with ennobling ideals, zeal and enthusiasm for making worthwhile contribution for raising the standard of teaching in the Secondary level of education which has been facing a setback for lack of adequately trained teachers.



**PRIME MINISTER**  
GOVERNMENT OF THE PEOPLE'S  
REPUBLIC OF BANGLADESH  
02 Baishakh 1409  
15 April 2002

#### Message

I am happy to learn that the Ahsanullah University of Science and Technology is going to hold its First Convocation on 22 April, 2002. I heartily congratulate the graduating students upon whom degrees shall be conferred on this august occasion.

I hope, the Ahsanullah University of Science and Technology will make substantial contribution to meet the growing needs of our education. The higher education imparted by this University will go a long way in the development of the country.

I wish the graduates all success in their future career.

Allah Hafez, Bangladesh Zindabad

*Khaleda Zia*



**Kazi Rafiqul Alam**  
Executive Director  
Dhaka Ahsania Mission

#### Message

I express my deep sense of gratitude to the Almighty Allah and also my sincere happiness on behalf of Dhaka Ahsania Mission, the sponsoring organisation of the Ahsanullah University of Science and Technology (AUST) on the occasion of its First Convocation. Today I remember the inspiring mission and vision of our beloved founder, Hazrat Khanbahadur Ahsanullah (R.A.) whose sweet memory this university bears. I am confident, by virtue of the quality education received by the young graduates of this university, they will be able to contribute significantly to the progress and development of the country. While congratulating these young graduates I also appreciate the teachers of this university, who, under the able guidance of Prof. M.H. Khan, Vice-chancellor, have been keeping significant contribution in the academic and intellectual enrichment of the students.

*Kazi Rafiqul Alam*

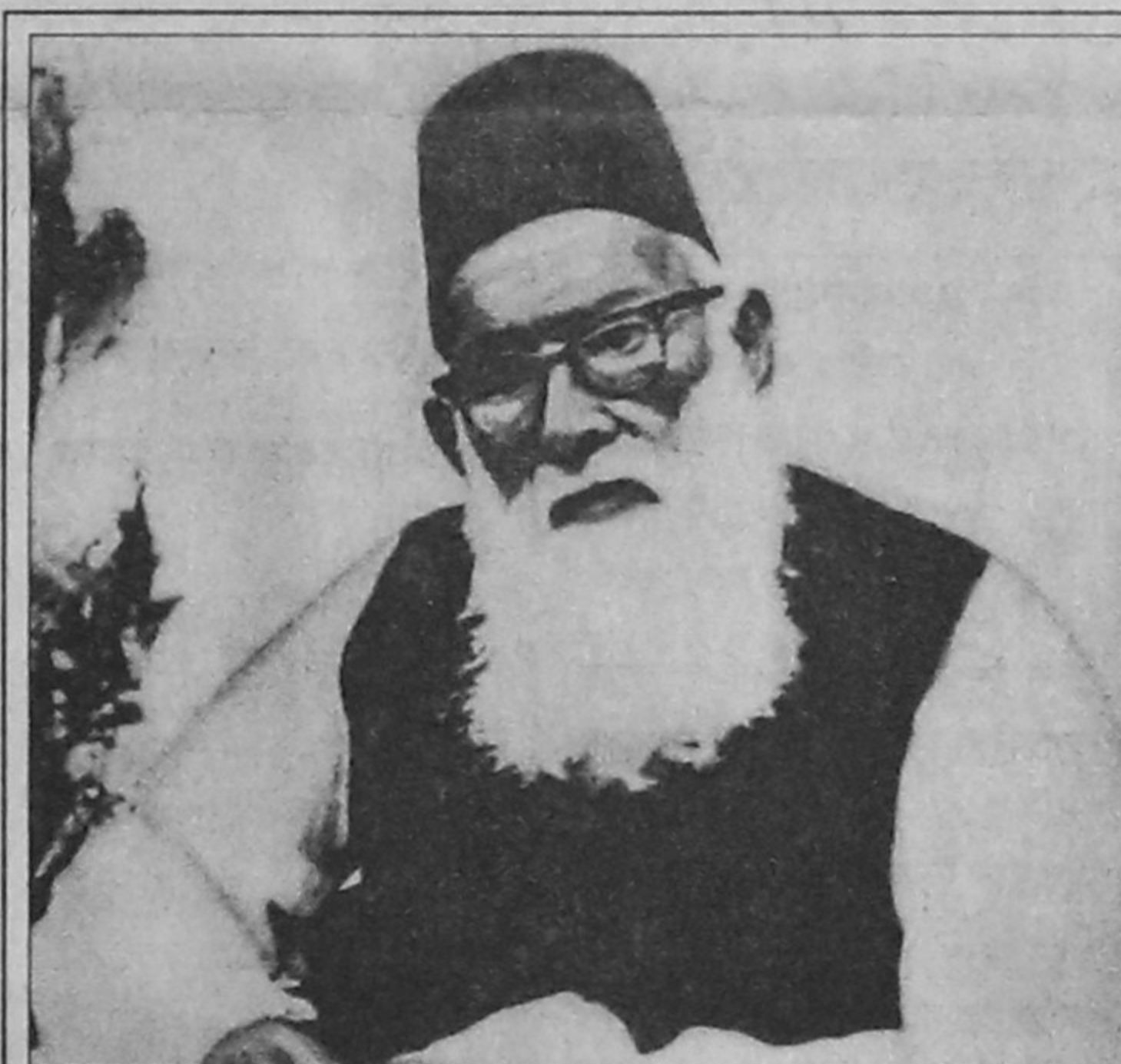
### DHAKA AHSANIA MISSION

Established initially as a philanthropic organization the Dhaka Ahsania Mission has now emerged as a leading non-government development organization in the country with its multi faceted activities widely known both within the country and abroad. The Mission enjoys Associate Status with UN DPI, Consultative Status with UN ECOSOC and Operational Relations with UNESCO. The Mission has to its credit a number of national and international awards and prizes latest in the list is the Independence Award-2002-the Highest State Award in Bangladesh. Dhaka Ahsania Mission has always been giving special attention for the spread of education both by formal and non-formal means. It is a matter of great satisfaction for the Mission that it has provided literacy and basic education to more than 32 lakh people. Its more than 1100 community Learning Centres, popularly known as Ganokendra, are considered to be innovative models of continuing education, lifelong learning and sustainable community development. In Bangladesh we are the producer of highest number of information, education and communication (IEC) materials. These materials

are widely used in the programmes of almost all the leading private and public sector development organizations of the country. Besides the Ahsanullah University of Science and Technology (AUST) the Mission is the founder of the first private sector Teachers Training College named Khanbahadur Ahsanullah Teachers Training College. The Mission has also established the Vocational Training Institute for Working Children, the Ahsanullah Institute of Information and Communication Technology, the Human Resource Management Institute, etc. The main purpose of establishing these institutions is to step into areas where interventions are necessary in the interest of the country and also to set innovative examples for others to follow. The Mission also works for poverty alleviation, women development, gender, environment, water and sanitation, prevention of drug abuse and HIV/AIDS and Child and Women Trafficking, etc. A 42-bed Cancer Detection Centre and Hospital has also been established in Mirpur. We are now working for establishing a 300-bed world standard Cancer Hospital in Uttara, Dhaka.

#### Graduates of AUST

Department	1997-98	1998-99	1999-2000	2000-2001	Total
Architecture	-	-	11	09	20
Business Administration	-	15	13	31	59
Civil Engineering	-	16	11	27	54
CSE	-	32	40	90	162
EEE	-	06	12	25	43
B Ed (Non Formal)	11	10	09	-	30
B Ed (Primary)	-	-	05	12	17
M Ed	-	-	121	111	232
Total	11	79	222	305	617



**Khanbahadur Ahsanullah (R.A.)**  
Khanbahadur Ahsanullah (R.A.) was born in a remote village called Nalta in Sathkhira district in the year 1873. He should not be confused with Khaja Ahsanullah, one of the Nawabs of Dhaka. Khanbahadur Ahsanullah after obtaining M.A. degree from the University of Calcutta in 1895 entered into government service. Gradually he was raised to the highest position of the Directorate of Public Instructions of the then province of Bengal and Assam. He was the first British Indian to be entered into Indian Education Service (IES). His contributions for the spread of education are innumerable. He established many educational institutions, set up students hostels, facilitated production of text books written by Muslim authors, vigorously negotiated with the authorities for greater allocations for education and so on. One of his significant contributions was the introduction of the system of writing roll numbers instead of names of the candidates on the examination scripts. After an eventful long life the great visionary breathed his last in 1965.

department was the sole department under the Faculty of Business and Social Science. The University has intention to open some other disciplines under this faculty if found demanding.

The Department of Business Administration is offering 4 years BBA degree, since its very inception, which is divided into eight semesters. The syllabus and teaching method had been updated over the passage of time so that those can meet the demand of the future business executives.

The courses selected for the BBA program are a unique assortment of varied disciplines so that they can meet the challenges of the 21st century. Computer laboratory facility is available for BBA students to make them acquainted with this modern technology. Since February, 2002 MBA Program (both regular and executive) had been launched with the existing 4-year BBA Program.

centered on quality education to the students. The teachers engage themselves in continual upgrading of their knowledge by searching the Internet for latest developments in their fields of considering the courses offered in interest.

The departmental activities are also spread over areas beyond the course work. CSE Department arranged Seminars, Job Fairs, Sports etc. in addition to participation in Intra-AUST, National and International Programming Contests and collaborated with other universities in developing skilled manpower of the country.

#### Department of Electrical and Electronic Engineering

The Department of Electrical and Electronic Engineering (EEE) is one of the main departments and is offering 4-year undergraduate degree program since the



Dr. M.H. Khan, Vice-Chancellor of AUST exchanging views with Kazi Rafiqul Alam Executive Director, Dhaka Ahsania Mission



Launching of MBA program of AUST