



ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT)

Organisation of Islamic Cooperation (OIC)






30th October 2013
DHAKA, BANGLADESH

27th CONVOCATION 2013

الجامعة الإسلامية للتكنولوجيا
UNIVERSITÉ ISLAMIQUE DE TECHNOLOGIE (UIT)



PRIME MINISTER
GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH

24 Kartik 1420
30 October 2013

Message


I am happy to learn that 27th convocation of the Islamic University of Technology (IUT), a subsidiary organ of the Organization of Islamic Cooperation (OIC), is going to be held on 30 October 2013. This event marks another year of collaborative success for the institution and leads the graduating students to claim their ground in the real world. I would like to congratulate the graduating students and their parents, faculty and the university administration on this happy occasion.


Bangladesh is proud to host this prestigious institution which is a symbol of the Islamic Solidarity and Islamic action. As a Prime Minister of the host country, I assure to continue all kind of supports to make IUT a world class research and teaching extensive university.

I do believe that the graduating students of the university will uphold the vision of the institution and will prove themselves to be successful in combining their academic learning and social responsibilities towards ensuring a brighter World.

I wish the 27th Convocation of IUT a grand success.

Joi Bangla, Joi Bangabandhu
May Bangladesh Live Forever


Sheikh Hasina



MINISTER, MINISTRY OF EDUCATION
GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH

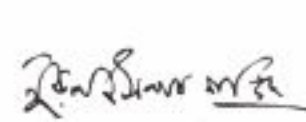
I am happy to learn that the Islamic University of Technology (IUT), a subsidiary organ of Organization of Islamic Cooperation (OIC) is going to hold its 27th Convocation on 30 October 2013.

On this auspicious occasion I would like to congratulate the graduating students, faculty and staff members of the university.


Being a subsidiary organ of the OIC, the IUT has a crucial role towards the development of human resources of the 57 member states of OIC in the field of Science and Technology. In this age of globalization and information explosion, complexities and challenges have increased significantly. It is my hope that the IUT graduates are prepared to face the intricate challenges of life and livelihood with competence, poise and equanimity.

I would like to express my appreciation to the proud parents to be the part of this Convocation day.

I wish the convocation a success.


Nurul Islam Nahid M.P.


Secretary
Ministry of Education
Government of the People's Republic of Bangladesh



It is a matter of great satisfaction that the 27th convocation of the Islamic University of Technology (IUT), a subsidiary organ of Organisation of Islamic Cooperation (OIC) is being held today on 30 October 2013. I feel honored to be a part of this auspicious occasion.

IUT has established itself as a centre of academic excellence within a span of over 30 years. Its focus has always been to provide quality higher education to the people of the 57 member states of OIC. I strongly believe that IUT new graduates will prove their worth in the field of Science and Technology for the Muslim Ummah. On this happy occasion I appreciate the efforts of Governing Board, faculty and staff members of the university and the students for preserving the sanctity of the academic environment bringing IUT to this present state of success and making the university a centre of excellence.

I congratulate the graduates on their graduation day and wish them very best and continued success.


Dr. Kamal Abdul Naser Chowdhury
Chairman of the Governing Board
Islamic University of Technology (IUT)

EVOLUTION OF AN INSTITUTION: A SOLEMN JOURNEY
Md. Golam Salek
Chief of Establishment

Islamic University of Technology (IUT), a subsidiary organ of the 57-nation Organisation of Islamic Cooperation (OIC), started its maiden journey as Islamic Centre for Technical and Vocational Training and Research (ICTVTR) in pursuance of a resolution of the 9th Islamic Conference of Foreign Ministers (ICFM) held in Dakar, Senegal in 1978. The foundation stone of the ICTVTR was laid on 27 March 1981 on a 30-acre land donated by the host government, Bangladesh. The Centre started its long regular programmes in 1986.

Following the decision of the 22nd ICFM held in Casablanca, Morocco, on 10 – 11 December 1994, ICTVTR was renamed as Islamic Institute of Technology (IIT). With the passage of time, the need for upgrading the institute to a full-fledged university became more pronounced and the process of renaming Islamic Institute of Technology (IIT) as Islamic University of Technology (IUT) began with a discussion in the 25th meeting of the Governing Board of IIT held in Dhaka, on 20 – 23 November 2000.

The recommendation of the Governing Board set in motion the issue of renaming and necessitated the raising of the matter in different hierarchies of authorities of the Institute. After getting the required clearance from the Governing Board, the above proposal was placed before the 24th Session of the Islamic Commission for Economic, Cultural and Social Affairs (ICECSA) held in Jeddah, Kingdom of Saudi Arabia on 10 – 13 February 2001. This Commission which also acts as the General Assembly of IIT, where all the member countries of the OIC are represented, approved the proposal of renaming the Institute as recommended by the Governing Board, so as to name it as the 'Islamic University of Technology'

The Honourable Secretary General of the Organisation of Islamic Cooperation (OIC) in his report on Science and Technology as a follow-up of above recommendation, reflected in the report of ICECSA, submitted to the 28th Session of the Islamic Conference of Foreign Ministers (ICFM) held in Bamako, Republic of Mali on 25 – 27 June 2001 highlighted the issue of renaming.

With the up-gradation, the activities of the University have gathered further momentum both in the academic and research arenas. Since then, a new department called Civil and Environmental Engineering (CEE) has been launched and doctoral programmes have been introduced in mechanical engineering, electrical & electronics engineering and computer science & engineering. The research programmes have also been intensified which is reflected in the publication of increasing number of papers by the faculty members in peer-reviewed international scientific journals. The University is in the process of constructing a female dormitory which will pave the way for opening up its facilities for admission of female students from the different countries of the OIC creating a new milestone in its annals as an institution for facilitating the empowerment of the female members of the Islamic World.

STATUS AND EMPLOYABILITY OF IUT GRADUATES
Prof. Dr. M. A. Mottalib
Professor and Head of CSE Department, IUT

The graduates of IUT have established themselves as a strong force both in Academia and Industry. Within a short time, they have proved their excellence, ability, expertise and creativity. They are now considered as a reputed brand in many corners of the world.

Higher Study/Research Scholarships: The graduates of IUT are regularly awarded with the most prestigious scholarship in top ranked universities of the world. Many of them have received Commonwealth (UK), Monbukagakusho (Japan), IPRS (Australia), NSERC (Canada), Korean Government Scholarship and Erasmus Mundus (European Union) scholarships.

Higher Study Institutions: Some of the renowned universities where IUT graduates are doing or completed their higher studies and research include University of Michigan Ann-arbor, Columbia University, University of California Los Angeles, Ohio State University, University of Illinois at Urbana-Champaign, University of Massachusetts Amherst, University of Texas at Dallas, University of Rochester, North Carolina State University, Washington State University, University of Houston, University of Delaware, University of Utah (USA), University of Cambridge, University of Southampton, University of Manchester (UK), University of Melbourne, University of Sydney, Monash University, University of New South Wales, University of Adelaide (Australia), NTNU, TU Munich, TU Berlin, RWTH Aachen, TU Delft, University of Twente, KTH, University of Milan (Europe), University of British Columbia, University of Calgary, University of Alberta, University of Waterloo, McGill University, McMaster University, Queen's University (Canada), University of Tokyo, National University of Singapore, Osaka University, Tohoku University, Waseda University (Asia).

Awards: Our graduates are doing world-class research in different institutions. They have won numerous awards including the best paper award in Bionetics conference 2010 in Boston, President's Award for outstanding performance in PhD from Tohoku University (2011), best paper award in ACM IWCM conference 2009 in Leipzig and best paper award on the first joint conference on Lexical and Computational Semantics in March 2012 etc.

Job Sector
International Universities: Graduates of IUT are working in different reputed international universities including University of Bristol, University of Cambridge, Tohoku University, University of Western Australia, King Saud University and King Abdulaziz University in Saudi Arabia and Australian National University etc.

Bangladeshi Universities: Graduates of IUT have proven their readiness for the real world challenge by showing excellent performance in the job sector. IUT graduates are working as faculty members at different universities in Bangladesh. IUT graduates have worked or are working as faculty members in Dhaka University, BUET, KUET, DUET, CUET, SUST, Chittagong University, NSU, EWU, AUST, IUB, AIUB, UIU and many other public and private universities.

Telecommunication Sector: IUT graduates are working in all the giant multinational Telecommunication service providers and solution providers in Bangladesh including Grameenphone Ltd. (Telenor), Robi Ltd. (Axiata), Banglalink Ltd. (VimpelCom), Teletalk, CityCell Ltd. (SingTel), Qubee Ltd. (Augere/FT), Ericsson Ltd., Huawei Technologies Ltd., ZTE Corporation, Nokia Siemens Network (NSN), Samsung, Alcatel-Lucent etc. Moreover, IUT graduates are serving in different companies all over the world- from Middle East to North America, from Europe to Australia. They are working in several overseas branches of solution providers like Ericsson, Huawei, ZTE, NSN in Dubai, Egypt, Thailand, South Africa, Australia, Central Africa, North America and service providers like ROGERS Communication Inc (Canada), Wind Mobile (Canada), MTN (Nigeria), Optus (Australia).


Government Sector: Many of the IUT graduates are working in the Government sector. IUT graduates are working in BPDB, BTCL, BCS foreign services, BCS Customs and Excise, Bangladesh Railway, Bangladesh Police, Bangladesh Navy, Bangladesh Air Force, Bangladesh Water Development Board, Padma Oil Company, Petrobangla, etc.

International Companies: IUT graduates have shown their ability and caliber all over the world. One of the alumni is working as a Senior Researcher in the Bell Labs in Belgium. Two graduates are working in Microsoft in Seattle. Four IUT graduates from different batches are working in Intel Corporation. Three graduates are working in IBM Canada. The graduates are also working in other companies including Barclays Capital (Japan & Australia), Schlumberger Information Solutions (Japan), L M Ericsson (Finland), Accenture (Finland), Cisco Systems (Norway), Pfizer (Australia), Toyota (Australia), Research in Motion (Canada), BMW (Australia), Telstra (Australia) etc. Recently five graduates have joined in the ADNOC group of companies (Abu Dhabi National Oil Company) as Electrical Engineers. IUT graduates are well-placed in their respective countries including Cameroon, Comoros, Gambia, Jordan, The Maldives, Niger, Nigeria, Pakistan, Palestine, Senegal, Sierra Leone, Somalia, Yemen etc.


Bangladeshi Companies: IUT graduates are working in many of the reputed companies in Bangladesh. The list of companies includes British American Tobacco, Standard Chartered Bank, KAFCO, Nitel Motors, Walton Bangladesh, Rahimafrooz, United Airways, Bangladesh Gas Fields Company Ltd., Square, ACME, MJL Bangladesh Limited., GlaxoSmithKline, Ashuganj Power Station Company Ltd., Summit Power Ltd., Energypac etc. IUT graduates are working in many of the reputed software development companies of Bangladesh. The companies where they have worked or are working include Therap (BD) Ltd., GPIT, Samsung R&D (BD), Enosis Solutions, Kaz Software, M&H Informatics (BD) Ltd, Nilavo Technologies, Vizrt Bangladesh, IMPulse (BD) Ltd, Edu-Smart, Vonair Inc., Software People etc.

ORGANISATION OF ISLAMIC COOPERATION
THE SECRETARY GENERAL

ORGANISATION DE COOPERATION ISLAMIQUE
LE SECRETAIRE GENERAL



MESSAGE
OF
THE SECRETARY GENERAL
ORGANISATION OF ISLAMIC COOPERATION (OIC)
AND
CHANCELLOR, ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT)



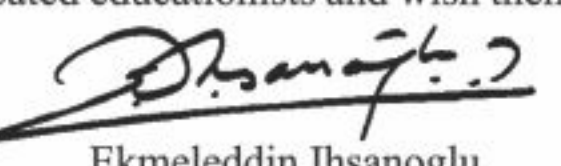
I am happy to learn that the Islamic University of Technology (IUT) is holding its 27th Convocation on 30 October 2013. This is indeed a memorable occasion. I would like to extend my heartfelt felicitations to the graduating students, the Faculty and the IUT administration on this important event.

I deeply appreciate the personal interest and the continued support of the Honourable Prime Minister Sheikh Hasina and the Government of People's Republic of Bangladesh to the IUT as the host country. This has greatly facilitated the University's uninterrupted progress and development over the years.



In order to realize the development goals and meet the challenges of the 21st century, the Muslim countries need to harness their efforts for achieving advancement in science and technology. To achieve this objective, the Islamic University of Technology has a crucial role to play. I am pleased to note the efforts being made by the university in improving its physical infrastructure and academic excellence by continually assessing its potentials and performance. In addition, the university offers an excellent platform for promoting and consolidating unity and solidarity among the OIC Member States. The OIC and its institutions including IDB will continue to work closely with IUT in different areas in order to help achieve its objectives.

The term of my office as the OIC Secretary General and the Chancellor of IUT is now nearing completion. I feel happy to have been closely associated with its growth and development and witnessed its transition into a reputed institution of higher learning in the field of science and technology. I am confident that the IUT will continue to move forward with vigour and commitment and achieve new heights in promoting the cause of education, progress and development.

I conclude by extending my best wishes to the graduating students and hope that the valuable knowledge they have acquired at IUT will help them to develop as worthy citizens who will be able to contribute to the development of their respective countries. I also thank the Vice Chancellor of the University, Prof. Dr. M. Imtiaz Hossain and his team of dedicated educationists and wish them every success in future.


Ekmeleddin Ihsanoglu

MESSAGE FROM VICE-CHANCELLOR OF IUT

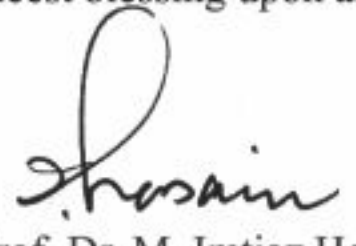


It is indeed a great honour and privilege for me to be associated with the 27th Convocation of Islamic University of Technology (IUT), a subsidiary organ of Organisation of Islamic Cooperation (OIC). I would like to take this opportunity to extend my warm felicitation to the graduating students on successful completion of their courses of study.

It is my pleasure to mention that our campus is a melting pot of cultures. Bound by the common faith of Islam, the students from different regions of the Islamic world are here to acquire knowledge and skill to face the challenges of the new millennium. The great diversity of our student population in terms of language, educational and social backgrounds, and ethnicity makes this university a unique seat of higher learning in the Islamic world.

On this auspicious occasion, we would like to express our gratefulness to all the member-states of the OIC for their continued and unstinted support and cooperation in establishing and running this seat of higher learning. I would also like to put on record, especially, the patronage of OIC General Secretariat and the Host Government for their whole-hearted support to maintain our uninterrupted academic activities.

May Almighty Allah shower His choicest blessing upon all of us.


Prof. Dr. M. Imtiaz Hossain


MULTICULTURALISM IN IUT
Dr. Che Kum Clement
Professor and Head of TVE Department, IUT

Introduction

Recent advances in the social, political and technological arenas have resulted in a global workforce that consists of people from a wide spectrum of racial and ethnical backgrounds. As population becomes more diverse, all organizations, both for-profit and non-profit, must take steps to address the diversity of their community. Islamic University of Technology (IUT) is unique among the higher education institutions. It is unique in the sense that it houses students of diversified social, cultural and ethnical background coming from about 26 different countries of the OIC. When these students are admitted into IUT, they are transformed to share a unique culture which is based on Islamic ethical values and Muslim brotherhood.

Multiculturalism

Multicultural education is a philosophical concept built on the ideals of freedom, justice, equality, equity, and human dignity. It recognizes the role schools can play in developing the attitudes and



values necessary for a democratic society. It values cultural differences and affirms the pluralism that students, their communities, and teachers reflect. It challenges all forms of discrimination in schools and society through the promotion of democratic principles of social justice. Multicultural education relates to education and instruction designed for the cultures of several different races in an educational system. This approach to teaching and learning is based upon consensus building, respect, and fostering cultural pluralism within racial societies. Multicultural education acknowledges and incorporates positive racial idiosyncrasies into classroom atmospheres.

Key Goal of Multiculturalism in IUT

I realize that a key goal of multiculturalism in IUT among other benefits is that it helps individuals' gain greater self understanding by viewing themselves from the perspectives of other cultures. One of the major goals of multiculturalism in IUT is that it provides students with cultural and ethnic alternatives, affords students with the skills, attitudes and knowledge needed to function within their ethnic culture, the mainstream culture, and within and across other ethnic cultures.


Besides, another significant goal of multiculturalism in IUT is that, it reduces pain and discrimination that occurs in other universities as students of this type of set up face some ethnic and racial group experience because of their unique racial, physical and cultures characteristics. Multiculturalism in IUT empowers students to change the social inequalities that exists within society and at the same time promote close intergroup relation among them.

Multicultural Classroom in IUT

Effective teaching in a multicultural classroom such as that of IUT requires culturally sensitive strategies and content to provide equal opportunities for academic success and individual growth of all students. Here in IUT, the most effective teachers have quickly learned to understand the culture of students and their students trust them.

We are all aware that a higher educational institution is the major institution of socialization; it is a critical arena in which inequality is perpetuated. However, these same institutions have the ability to spread the ideology of multiculturalism. It is also true that the youths are aware of racial differences before entering higher education institutions, but these higher education institutions can influence the young learner's attitudes towards these differences. Fortunately for us in IUT, we have taken the advantage to address the issue of racial differences effectively to our students so that they can be exposed to positive attitudes towards racial differences.

IUT being a culturally diverse institution is highly committed in providing same education to all OIC Countries. As such, learners bring to the classroom not only differing racial and ethnic heritages but also a wide range of historical perspectives, experiences, expectations and approaches to learning. All of these



factors influence learners' educational experiences. This always put the teachers of IUT into the challenge of bringing out new methods and strategies that can be utilized to increase the level of multiculturalism within learning environment and society. The IUT authority encourages IUT faculty to always identify the value of ethnic and cultural diversity as a basis for societal enrichment, cohesiveness, and survival. This acts as a search drive for the faculty to know in detail about experiences, viewpoints, and needs of the various cultural groups so that they are able to educate the students about living in multicultural society.

In a nutshell, IUT is an academic environment where peace and tranquility reigns and where the concept of multiculturalism exist and everyone is aware that he is a member of the IUT community and family where equal values and dignity is felt. Multicultural diversity is strongly felt when the students of all the different OIC regions represented in the university organize their cultural programs in the university.