

# Newsletter

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## IUT Visitors

### Microsoft Visited IUT

Prof. Dr. Munaz Ahmed Noor, Vice-Chancellor, IUT, along with a team from Microsoft Bangladesh has visited different laboratories of IUT. IUT has the premium subscription of Microsoft Dreamspark from 2013. All the students are getting free genuine Microsoft products including application and development software under this subscription. Vice-Chancellor and the microsoft members discussed about the feasibility of future collaboration with IUT. Microsoft team mentioned about the possibility of establishing Microsoft Innovation Center (MIC) in IUT with world class resources to support the students and faculty members. If MIC is established, students will receive training from specialist to develop their technical skills and faculty members will get guidance on curriculum development and research projects.



High officials from Microsoft Bangladesh in a meeting with IUT Vice-Chancellor Prof. Dr. Munaz Ahmed Noor in his office.

### OIC Auditors Visited IUT

An audit team from OIC visited IUT from 24 to 30 April 2016. The team members were Mr. Mohd Nasaruddin Shah Abdullah, Assistant Director, National Audit Department, Malaysia and Ms. Azizah Daud, Auditor, Internal Audit Division, Ministry of Foreign Affairs, Malaysia. The team members audited different financial matters of IUT for the financial year 2015. They also met with the Vice-Chancellor of IUT and visited different facilities of IUT.



OIC Audit team discussing with IUT Vice-Chancellor Prof. Dr. Munaz Ahmed Noor

### IUT Alumni Association Meeting with VC

The members of IUT Alumni Association (IUTAA) gathered with a slogan "Together Great Becomes Greatness" at IUT Campus on 6 May 2016. They met and welcomed the new Vice-Chancellor of IUT Prof. Dr. Munaz Ahmed Noor. In the meeting, IUTAA members assured of their full cooperation for the development of the University.



IUT Alumni Association with Vice-Chancellor Prof. Dr. Munaz Ahmed

### World Bank Official Visited IUT

Dr. Mukhlesur Rahman, World Bank Bangladesh visited IUT on 01 June 2016. Prof. Dr. Munaz Ahmed Noor, Vice-Chancellor, apprised him of the different activities of IUT and showed the different laboratories and other places of the university.



World Bank official with VC visiting automobile workshop

## MakerFest 2016

A half-day technical festival dubbed as "MakerFest 2016" was held on 25 May 2016 in the Seminar Room 203 of the new academic building of IUT. This event was jointly organized by IUT with Betterstories and World Bank under HEQEP project with aims to bring together aspiring makers and creators under one roof for MAKE-A-THON Bangladesh 2016. Prof. Dr. Munaz Ahmed Noor,



Vice-Chancellor, IUT, Prof. Dr. Munaz Ahmed speaking at the MakerFest 2016

the Honorable Vice- Chancellor of the University was present on the occasion as chief guest. Saori Imaizumi- ICT innovation and Education consultant, Roza Safarova from International Finance corporation (IFC) of World bank were also present in this function. Most of teachers, staff members and students of IUT attended the function and enjoyed the half day technical festival. Different innovative projects from different departments of IUT were displayed in this technical fest.



Project Showcasing - MakerFest 2016

## Students' Activities

### Final Semester Examination Held

The Final examination of the winter semester of the 2015-2016 Academic Year was held on 10-23 May 2016. Prof. Dr. Munaz Ahmed Noor, Vice-Chancellor, IUT visited the different examination halls.



Vice-Chancellor Prof. Dr. Munaz Ahmed Noor visiting examination hall

### IUT became runner up in Microsoft Imagine Cup 2016

Microsoft Bangladesh organized "Microsoft Imagine Cup 2016" on April 2016. After online submission of the projects, finally 5 teams were selected for final event. A team from IUT named "Team Mavericks" reached to final and became runner up. Their project title was "MeTrav", which is a travel guide application for Dhaka city. Team Mavericks will help someone to find a place where they want to go with all kinds of public transportation and route suggestions with complex route. The team members are: Samiul Bashar Anan(CSE 12) and Shaafi Al Kader Sopan (CSE 12).



IUT Team 'MAVERICKS'

### IUT became runner up in ACM ICPC world finals warm-up contest

Daffodil International University organized "ACM ICPC World Finals Warmup Programming Contest 2016" on May 07, 2016. As many as 39 teams from different universities participated in the contest. A team from IUT secured runner up position. The team members were: M Saiful Bari (CSE '12), Mohammad Abdullah Matin khan (EEE 12) and Shadman Protik (CSE 14).



IUT runner up team ACM ICPC

### SOFE 2016 Competition

Speak Out for Engineering is a competition designed to help develop verbal and visual communication in explaining technical mechanical engineering related subjects. Grand Finale of Speak Out for Engineering (SOFE) Bangladesh round oral presentation competition organized by IMechE Bangladesh Chapter was held on 10 June 2016 Friday at Gulshan, Dhaka. Among 6 finalists, Tahsin Saniat from IUT (Batch'14, currently 2nd year student of MCE) clinched the first place while Syed from KUET became second. Tahsin Saniat will get the first prize of £300.00 and have the opportunity to represent Bangladesh in the South



SOFE Competition 2016

Asian regional final in Colombo, Sri-Lanka with all travelling cost to be borne by IMechE. Mr. David How (Country representative for Bangladesh, IMechE), and Dr. A.R.M. Harunur Rashid (IUT) were present as the judges of the event.

## IUT MARS ROVER participated the Finals

IUT MARS ROVER participated in the FINALS of University Rover Challenge 2016 held in Utah, USA on 2-4 June 2016. Earlier, IUT MARS ROVER team became second among Asian teams and best position among Bangladeshi teams in European Rover Challenge 2015.

## IUT SIKS Ramadan Fest

The students of IUT Society of Islamic Knowledge Seekers (SIKS) arranged a one-day program named IUT SIKS Ramadan Fest on 23 June 2016. The program included book-stall display, Quiz Competition and Seminar. It was followed by Iftar. Vice Chancellor Professor Dr. Munaz Ahmed Noor was the chief guest & prominent Islamic scholar Dr. Shamsul Hoque was the special guest and was shared his invaluable opinion on the essence of ramadan. The program started with the recitation of the verses from the holy Quran. The President of IUTSIKS welcomed everyone with his concise speech and the main events of the day included prize distribution, essay writing competition, an interesting game show, nasheeds performed by the IUT students, quiz competition and so on .



*IUT SIKS Ramadan Fest 2016*

## Faculty News

Tanvir Ahmed has completed Master of Science in Civil Engineering in June 2016. He worked on a research project entitled, "Influence of Types of Chemical Admixtures and Their Dosage on Properties of Ready Mix Concrete". The thesis was supervised by Dr. Md. Tarek Uddin, Professor and Head-CEE. This project was conducted by externally-funded research project sponsored by the Structural Engineering Limited (SEL), Dhaka, Bangladesh.

## Faculty Publications

Md. Motaharul Islam, "Emerging Communication Technologies Based on Wireless Sensor Networks: Current Research and Future Applications", CRC Press, Taylor & Francis Group. Published on April, 2016, ISBN 9781498724852 - CAT# K25747

Shahed Anzarus Sabab, Sayed Rizban Hussain Digonto, Hasan Mahmud, Md. Hasanul Kabir, Md. Kamrul Hasan, "EYE POINTER: A Real Time Cost Effective Computer Controlling System Using Eye and Head Movement", the ninth International Conference on Advances in Computer-Human Interactions (ACHI), pp. 153-159, 24-28 April, Venice, Italy, 2016.

Muhammad Muhaiminul Islam, Shamsul Arefin, Hasan Mahmud, Md. Kamrul Hasan, "Interactive Gesture Chair", the ninth International Conference on Advances in Computer-Human Interactions (ACHI), pp. 17-20, 24-28 April, Venice, Italy, 2016.

N. Rashid, S. Choudhury, K. Salomaa, "CARRE: Cellular Automaton based Redundant Readers Elimination in RFID Networks", in proc. of the IEEE International Conference for Communications (ICC'16), Kuala Lumpur, Malaysia, 23-27 May 2016.

Shah Md. Shihab Hasan, Mohshi Masnad, Md. Mohiuddin Khan, Hasan Mahmud, Md. Kamrul Hasan, "Human Activity Recognition using Smartphone Sensors with Context Filtering", the ninth International Conference on Advances in Computer-Human Interactions (ACHI), pp. 67-73, 24-28 April, Venice, Italy, 2016..

Al-Tariq, A., Kamal, A. R. M., Hamid, M. A., Abdullah-Al-Wadud, M., Hassan, M. M., and Rahman, SK. M. (2016) "A scalable framework for protecting user identity and access pattern in untrusted Web server using forward secrecy, public key encryption and bloom filter." *Concurrency Computat.: Pract. Exper.*, doi: 10.1002/cpe.3863.

Ali, Syed Iftexhar, Md Shafiqul Islam, and Mohammad Rakibul Islam. "A Comprehensive Review of Energy Efficient Content Addressable Memory Circuits for Network Applications." *Journal of Circuits, Systems and Computers* 25.04 (2016): 1630002.

Robiul Islam, Hasan Mahmud, Md. Kamrul Hasan, Husne Ara Rubaiyeat, "Alphabet Recognition in Air Writing Using Depth Information", the ninth International Conference on Advances in Computer-Human Interactions (ACHI), pp. 299-301, 24-28 April, Venice, Italy, 2016.

Sagor Rakibul Hasan, Kh Arif Shahriar, Md Ghulam Saber, Md Mahamudun Arif Joy, and Ikramul Hasan Sohel. "Modeling of Dispersive Materials Using Dispersion Models for FDTD Application." Silicon 8, no. 2 (2016): 251-275.

Shameem Ahmed, Shamsuddin Ahmed, MRH Shumon, E Falatoonitoosi, MA Quader, "A comparative decision-making model for sustainable end-of-life vehicle management alternative selection using AHP and extent analysis method on fuzzy AHP", International Journal of Sustainable Development & World Ecology (ISI Journal), 23 (1), 83-97, 2016.

Rahman MM, Khan MMH, Ullah MA, Zhang X, Kumar A. "A Hybrid Renewable Energy System for a North American Off-grid Community", Energy 97 (2016) 151-160.

Pasha, M., Rifaat, S. M., Tay, R. and DeBarros, A. Effects of Street Pattern, Traffic, Road Infrastructure, Socioeconomic and Demographic Characteristics on Public Transit Ridership. KSCE Journal of Civil Engineering (2016) 20(3):1017-1022.

## Seminars / Workshops

Farhan Bashar, a former student of CSE department, currently working as software engineer in amazon, visited IUT and shared his experience and discussed about career opportunities abroad for CSE graduates.

### Workshop of IEEE IUT SB

IEEE IUT Student Branch organized a workshop titled "Higher Study in North America" on 15 June 2016. The speakers of the event were Mr. Akibul Islam and Mr. Moshir Rahman Farazi. Both the speakers are the alumni of this renowned institution. In this session the speakers shed light on the preparatory steps and scholarship opportunities available in USA and Canada. They eloquently drew a clear picture of the present world and the reality of an IUTian and the tricks and tips to face it. IEEE IUT SB is encouraged to arrange more programs of this kind in the future after getting such an enthusiasm from the attendees.

## IUT Activities

### Holy Quran Recitation Competition 2016

The Holy Quran recitation competition was held on 22 June 2016. Honorable Vice Chancellor Professor Dr. Munaz Ahmed Noor, Religious Affairs Committee Chairman Prof. Dr. Nurul Abasar Chowdhury, Head of the departments and offices along with the faculty members, staff members and students were present in the competition. A total of 29 participants competed from 12 different countries. The function was very competitive. Abdul Haleem (152482) of Pakistan stood first, Mohammed Khalid Mohammed (141306) of Yemen stood second and Issak Hassan Abdi (132314) of Somalia stood third in the competition.



Annual Competition of Recitation from the Holy Quran 2016

### IUT Iftar Party 2016

An Iftar party was arranged on 27 June 2016 at IUT auditorium. Vice Chancellor Professor Dr. Munaz Ahmed Noor, Head of the departments, offices and centres along with the faculty members and staff members were present in the iftar party. In the iftar party, dua was conducted for the better progress and development of IUT.



IUT Iftar Party 2016

### Agreement Signed for Female Dormitory

An agreement was signed on 16 May 2016 at IUT board room for the construction of a 3 storied common facility and a 4 storied dormitory for female students. In the signing agreement session, all the concerned persons from both parties were present. The project is being financed by the Government of Bangladesh and will be completed by the June 2017.



Agreement Signing for Female Dormitory

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