

ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT) ORGANISATION OF ISLAMIC COOPERATION (OIC)



IUT NEWSLETTER

Vol. 18 No. 01

33rd Convocation of IUT



The 33rd Convocation of Islamic University of Technology (IUT) was held on 30 December 2019 at IUT. Prof. Dr. Abdul Matin Patwari, former Director General, Islamic Institute of Technology (Now Islamic University of Technology), graced the occasion as Chief Guest. Mr. Migadde Habib, Chairman of the Governing Board of IUT, was also present in the convocation. More than 300 distinguished guests attended the convocation. Among them members of the diplomatic corps in Bangladesh, IUT Governing Board & the Academic Council of IUT, High Officials of the Government of Bangladesh, former Vice-Chancellors of IUT and parents of the graduating students were present in the ceremony. Dr. Omar Jah, Acting Vice-Chancellor, IUT presided over the ceremony and conferred the degrees on the graduating students. A total 328 students from 19 OIC member states viz. Afghanistan, Bangladesh, Cameroon, Chad, Comoros, Djibouti, Egypt, Gambia, Ivory Coast, Mali, Morocco, Nigeria, Pakistan, Palestine, Sierra Leone, Somalia, Sudan, Uganda and Yemen graduated in different undergraduate and postgraduate programmes the 33rd Convocation.



Chief Guest, Prof. Dr. Abdul Matin Patwari Former Director General, Islamic Institute of Technology (now IUT), speaking at the 33rd Convocation.

Visits of the Acting Vice-Chancellor

IUT Delegation Attended the 2nd Brainstorming Session

An IUT delegation led by its Acting Vice-Chancellor, Dr. Omar Jah attended the 2nd Brainstorming Session on Comprehensive Reform of the OIC which began on 19 February 2020 at Intercontinental Hotel at Dhaka, Bangladesh. H.E. Dr. A. K. Abdul Momen, M.P., Hon'ble Foreign Minister, Government of Bangladesh, inaugurated session. Foreign Secretary of Bangladesh, representatives of the member states of OIC were present in the session. The IUT delegation included Prof. Dr. Mohammad Rakibul Islam, Dean, Faculty of Science and Technical Education. Dr. Jah presented some time-befitting suggestions towards the process of reform of OIC.



Acting VC of IUT Dr. Omar Jah is seen with with H.E. Dr. A. K. Abdul Momen, M.P., Hon'ble Foreign Minister, Government of Bangladesh the 2nd Brainstorming Session.

MoU

MoU between IUT and the Sultanate of Sharjah, UAE

Memorandum of Understanding (MoU) was signed between IUT and the Arabic Language Academy in Sharjah on 10 February 2020 with a view to establishing a "Center of Arabic Language and Islamic Studies (CALIS)" at IUT. The Arabic Language Academy in Sharjah is a governmental academic institution concerned with Arabic language issues and supporting linguistic and scientific societies in the Arab and Islamic worlds. Under the framework of MoU, the academy will provide techno-financial support to the IUT.

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The Acting Vice-Chancellor of IUT and Director of Arabic Language Academy of Sharjah signed the MoU on behalf of their respective institutions. The auspicious occasion was attended, among others, by H.H. the Sultan of Sharjah; H.E. Mr. Zaki Anwar Nusseibeh, State Minister of Diplomacy and General Culture of UAE; H.E Ambassador of UAE in Bangladesh as well as representatives from the UAE government and media.



MoU Signing ceremony between IUT and the Sultanate of Sharjah, UAE

IUT Activities

Mahir Kamal from BTM'17 secured third place in the competition Techstars Startup Weekend at Sacred Heart University



Mahir Kamal from BTM'17 competed in the Techstars Startup Weekend at Sacred Heart University and secured the third place in the competition. His team consisted of Richard Lin (USA), Charlotte Huntington (USA) and José David Romero Zanabria (Peru).

Maruf Hasan Rokoni from BTM'17 won Internal Marketing Competition of Youth Opportunities



Maruf Hasan Rokoni from BTM'17 won the Internal Marketing Competition of Youth Opportunities that was held in Youth Opportunities Office at Software Technology Park, Janata Tower on 5 January, 2020. The teams were constructed with young professionals and interns working at Youth Opportunities.

Webinar on "Challenges of the Energy Sector within the COVID-19 Crisis: ASIA

Prof. Dr. Khondokar Habibul Kabir, Head, Institute of Energy and Environment (IEE) and Professor, EEE, IUT, talked as a panelist in the webinar on "Challenges of the Energy Sector within the COVID-19 Crisis: ASIA (Bangladesh Perspective)", organized by Net Impact, Tokyo Professional, Japan on 10 May 2020. The panelists

were from Japan, India, Pakistan, Nepal, and Bangladesh. They talked about sudden challenges due to the COVID-19 pandemic and the remedy strategies on Energy Sectors of their respective countries.

IUTAA Provides COVID-19 Related Support Services

IUT Alumni Association (IUTAA) is providing COVID-19 related support services to IUT graduates, students, faculty, staff and their immediate family members. More details are available at https://iutaa.com/news/5

Games & Sports

Annual Athletic Competition 2020

The 30th Annual Athletic Competition -2020 was held on 16 February 2020. H. E. Aishath Shaan Shakir, Ambassador, Embassy of the Republic of Maldives in Bangladesh inaugurated the program as a Chief Guest. Dr. Omar Jah, Acting Vice-Chancellor of IUT attended the programme and distributed the prizes among the winners. Prof. Dr. Syed Iftekhar Ali, Chairman, Games & Sports Committee, distinguished guests from diplomatic missions based in Dhaka and others invited guests, Heads of the different Departments, Office, Centre as well as Faculty members, Staff members & Students were present and enjoyed the daylong program. There were 20 events (Male & Female) on the day of competition, e.g., 100 m, 200 m, and 400 m sprint, High jump, Shot put, Long Jump (Running Broad Jump) etc. There are separate events for distinguished guests, IUT staff members, Children of the employees, Cafeteria & Dormitory Staff members.



Chief Guest H. E. Aishath Shaan Shakir, Ambassador, Embassy of the Republic of Maldives in Bangladesh inaugurating the 30th Annual Athletic Competition along with Dr. Omar Jah, Acting Vice Chancellor of IUT and Prof. Dr. Syed Iftekhar Ali, Chairman, Games & Sports Committee, IUT.

Obituary

Mr. Farukh Ahmed Patwary, Computer Services Coordinator at CSE Department, passed away on 02 April 2020 at Holy Family Red Crescent Hospital, Dhaka. (Innalillahirazeun). He was suffering from kidney disease and diabetes. He left behind his wife, two daughters, and one son, as well as a host of relatives, friends, colleagues to mourn his death. He was 54.

Faculty News

Dhaka University of Engineeting and Technology (DUET) nominated Professor Shamsuddin Ahmed, Department of Mechanical and Production Engineering IUT as a member of selection board for Professor and Associate Professor, 2020 onward. He is also a member in the selection board for Sonargaon University for teachers' selection, 2020 onward.

Faculty Publications

M. F. Hassan, M. M. Hasan, M. I. Ahmed and R. H. Sagor, "Numerical Investigation of a Plasmonic Refractive Index Sensor Based on Rectangular MIM Topology," 2020 International Seminar on Intelligent Technology and Its Applications (ISITIA), Surabaya, Indonesia, 2020, pp. 77-82, [RECEIVED BEST PAPER AWARD]

M. S. S. Tanjim, M. S. H. Sohag, K. Habibul Kabir, A. Hasib, Q. Tamanna, and M. A. Al Arif, "Design and Analysis of Transformer-less HVDC Transmission System for Inter-Country Distance," in 2020 IEEE Region 10 Symposium (TENSYMP), Dhaka, Bangladesh, 2020, pp. 1708–1712.

Khandaker Foysal Haque, K. Habibul Kabir, and Ahmed Abdelgawad, "Advancement of Routing Protocols and Applications of Underwater Wireless Sensor Network (UWSN)—A Survey," Journal of Sensorand Actuator Networks, vol. 9, no. 2, p. 19:1-31, 2020.

Md. Rezaul Karim, Sk. Sadman Sakib and BM Sadman Sakib (2020). Rainwater harvesting potentials in commercial buildings in the capital city of Bangladesh: reliability and economic analysis, submitted for Urban Water Journal, June 2020.

Anik, M. A. H, Sadeek, S. N., Hossain, M. and Kabir, S. (2020) A framework for involving the young generation in transportation planning using social media and crowd sourcing, Journal of Transport Policy, Vol. 97, pp. 1-18.

Book Chapter:

Kabir, Khondokar Habibul: "Connecting the Disconnected: A combination of DTN, CDN, TCP/IP, and Open Flow approach", Book: 'Information and Communication Technologies for Humanitarian Services', Chap. 11, pp. 247-268, (Telecommunications Series 2020), Publisher: Institution of Engineering and Technology(IET), UK.DOI: 10.1049/PBTE089E_ch11 IET Digital Library,

Aminul Islam, M., Rakibul Islam, M., Moinul Islam Khan, M. et al. Highly Birefringent Slotted Core Photonic Crystal Fiber for THz Wave Propagation. Phys. Wave Phen. 28, 58–67 (2020).

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Shamsudin Ahmed (2020), "HOW TO CARRY OUT A RESEARCH (in Masters and PhD levels), AND A SUCCESSFUL FINAL YEAR UG PROJECT", Key note speech at Dhaka University of Engineering and Technology (DUET), January 2020.

Shamsudin Ahmed (2020), Keynote Paper on Quality Assurance During Covid 19 and Prominence of Process-based Organization at online BIM 2020 IEOMBD on 17 Oct 2020 under an official virtual symposium on Quality Management jointly organized by IEOM Society Bangladesh and BIM.

Md. Aminul Islam, Mohammad Rakibul Islam, Ahmed Mujtaba Al Naser, Fariha Anzum and Fatema ZerinJaba, "Square Structured Photonic Crystal Fiber based THz Sensor Design for Human Body Protein Detection", Journal of Computational Electronics, 2020.

Sultana, S., Rouf, K. B. A., Ahmed, S. S., Hossain, M. and Hossain, D. M. (2020) Redesigning the Interiors of Public Buses in Dhaka City: Exploring the Gender based Perceptions and Preferences, Journal of the Asian Transport Studies. Vol. 6.

Sobhani, M. G., Imtiyaz, M. N., Azam, M. S, and Hossain, M. (2020) A framework for analyzing the competitiveness of unconventional modes of transportation in developing cities, In Transportation Research Part A: Policy and Practice, Volume 137, pp.504-518.

Mohammad Rakibul Islam, Mamoudou Mamadou and Md. Sohidul Islam, "Design and analysis of a highly sensitive octagonal hollow core photonic crystal fiber for chemical sensing", Journal of Nanophotonics, Vol. 14(3), September 2020.

Mohammad Rakibul Islam, Md. Arif Hossain, Khandoker Md. Abu Talha and Rezoana Karim Munia, "A novel hollow core photonic sensor for liquid analyte detection in the terahertz spectrum: design and analysis", Optical and Quantum Electronics, 52, 415, September 2020.

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Md. Hamidur Rahman Muhammad Awais, Sayedus Salehin, "Enhancement of Centerline Film Cooling Effectiveness by Incorporating Air foil Deposition and Optimizing Ratios of Fluid Mechanical Variables: A CFD Approach" published in Institute of Research and Journals, Volume 8, Issue 3, Pages 76-81,2020.

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Mohammad Rakibul Islam, A. N. M. Iftekher, Kazi Rakibul Hasan, Md. Julkar Nayen, and Saimon Bin Islam, "Dual-polarized highly sensitive surface-plasmon-resonance-based chemical and biomolecular sensor," Appl. Opt. 59, 3296-3305 (2020).

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