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32nd Annual Athletic Competition 2024



The Chief Guest of 32nd Annual Athletic Competition Yousef S. Y. Ramadan, Ambassador of the State of Palestine in Bangladesh in the inauguration ceremony

The Islamic University of Technology (IUT) recently hosted its much-anticipated 32nd Annual Athletic Competition on Saturday, 17th February 2024. H.E. Yousef S. Y. Ramadan, the esteemed Ambassador of the State of Palestine in Bangladesh, graced the occasion as the Chief Guest, inaugurating the program with fervor and enthusiasm. Joining him was Prof. Dr. Fazle Elahi, former Vice Chancellor of IUT, attending as the Special Guest. The event was also honored by the presence of Prof. Dr. Mohammad Rafiqul Islam, the Vice Chancellor, and Prof. Dr. Md. Ashraful Hoque, the Acting Pro-Vice Chancellor, IUT serving as chief patron and patron respectively. Among the distinguished attendees were Prof. Dr. Shamsuddin Ahmed, Chairman of the Games and Sports Committee at IUT, along with notable guests from diplomatic missions based in Dhaka and other invited dignitaries. Faculty members, staff, and students alike reveled in the festivities throughout the day. The ceremony was presided over by Prof. Dr. Mohammad Rafiqul Islam, the Vice Chancellor of IUT, who ensured the smooth execution of the event. The competition featured a wide array of events catering to both male and female participants, including the 100m, 200m, and 400m sprints, high jump, shot put, and long jump (running broad jump), among others. Notably, there were separate events tailored for distinguished guests, IUT staff members, children of employees, and



Javelin Throw (Female Student) event of 32nd Annual Athletic Competition



100 m race (Male Student) event of 32nd Annual Athletic Competition

cafeteria and dormitory staff members, fostering inclusivity and community engagement. In a moment of celebration and recognition, H.E. Hon'ble Chief Guest, Guest of Honour, Vice Chancellor, and Pro Vice Chancellor of IUT, collectively distributed prizes among the deserving winners.



Prize distribution of 32nd Annual Athletic Competition

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Vice Chancellor's Diplomatic Visit Bolsters Ties with Ministry of Foreign Affairs

Prof. Dr. M. Rafiqul Islam, Vice Chancellor of IUT, made a significant diplomatic stride by meeting with Hon'ble Foreign Minister H.E. Dr. Hasan Mahmud, MP, on 13th March 2024, at the latter's office. The meeting marked a crucial moment in enhancing cooperation between the university and the government. Honorable Vice Chancellor extended appreciation to the Government of Bangladesh for its steadfast interest in IUT's activities since its inception. The Foreign Minister lauded IUT's consistent outstanding performance and commended its efforts in fostering a conducive learning environment for nearly Two Thousand Eight Hundred students representing 23 member countries of the Organization of Islamic Cooperation (OIC). He assured continued support from the Government of Bangladesh, as the host country of IUT, the Foreign Minister pledged ongoing assistance in the university's infrastructure expansion and academic enhancement. This commitment underscored the government's dedication to nurturing IUT's growth and ensuring its continued contribution to education and international collaboration.



Prof. Dr. M. Rafiqul Islam, Vice Chancellor of IUT in the meeting with Secretary General of OIC and officials at the OIC Headquarters in Jeddah, KSA

universities, showcasing IUT's commitment to advancing education on a global scale. Honorable Vice Chancellor highlighted IUT's dedication to promoting education, research, and collaboration within the OIC framework. The gatherings at the OIC Headquarters provided an invaluable opportunity for the Vice Chancellor to interact with fellow academics, share insights on IUT's achievements and initiatives, and explore avenues for increased collaboration within the OIC academic community.

IUT Vice Chancellor Advocates for Increased Funding at Extraordinary PFC Meeting

Prof. Dr. M. Rafiqul Islam, Vice Chancellor of IUT, led a two-member delegation to the Extraordinary Session of the Permanent Finance Committee (PFC) of the Organization of Islamic Cooperation (OIC), held in Jeddah, Kingdom of Saudi Arabia, from 19th to 21st December 2023. During the PFC meeting, Honorable Vice Chancellor delivered a concise statement highlighting the university's programs, activities, and future development plans. Emphasizing the necessity for enhanced funding, he underscored the critical role of financial support in ensuring the smooth operation of the university. With a diverse student body hailing from various member states of the OIC, Honorable Vice Chancellor stressed the importance of maintaining a conducive multicultural and multilingual environment conducive to learning. Acknowledging the university's commendable efforts in educating and training youths from the Muslim Ummah despite operating with limited resources, the meeting participants lauded IUT's significant contributions over the years. In a significant outcome, the meeting endorsed the budget proposed by the university for the financial year 2024, affirming its commitment to supporting IUT's endeavors in advancing education and fostering international cooperation within the OIC framework. Vice Chancellor's advocacy for increased funding at the Extraordinary PFC Meeting reflects IUT's unwavering commitment to providing quality education and nurturing the next generation of leaders from the Muslim Ummah. Such engagements play a pivotal role in ensuring the continued growth and success of the university in its mission to serve the OIC community.



Prof. Dr. M. Rafiqul Islam, Vice Chancellor of IUT with Foreign Minister H.E. Dr. Hasan Mahmud, MP

MEETINGS

Vice Chancellor's Participation in OIC Coordination Meetings Fosters Collaboration

Prof. Dr. M. Rafiqul Islam, the esteemed Vice Chancellor of the Islamic University of Technology (IUT), played a pivotal role in advancing collaboration and academic excellence at the recent Coordination Meetings of the Organization of Islamic Cooperation (OIC). Attending the Coordination Meeting of the OIC Islamic Universities on 16th January and the 7th Session of the Annual Coordination Meeting of the OIC Institutions (7th ACMOI) on 17th–18th January, Prof. Dr. M. Rafiqul Islam represented IUT at the prestigious events held at the OIC Headquarters in Jeddah, Kingdom of Saudi Arabia. The OIC Islamic Universities Coordination Meeting served as a platform for reflection and collaboration among esteemed institutions of higher learning within the Islamic world. Prof. Dr. M. Rafiqul Islam actively contributed to discussions aimed at fostering academic excellence and cooperation among OIC member



Prof. Dr. M. Rafiqul Islam, Vice Chancellor, IUT in Extraordinary PFC Meeting

IUT Holds 50th Governing Board Meeting

The Islamic University of Technology (IUT) convened its landmark 50th Governing Board Meeting on 29th to 30th November 2023 at a prominent city hotel in Dhaka, Bangladesh. Presided over by H.E. Prof. Saleh I. Alqasoumi, Chairman of the Governing Board, the session brought together esteemed delegates and officials from various nations and organizations. Among the notable attendees were H.E. Ms. Wahida Ahmed, Director General (IO) of the Ministry of Foreign Affairs, and Mr. Md Mahmudul Alam, Joint Secretary at the Higher Education Division of the Ministry of Education, representing the Government of the People's Republic of Bangladesh. Additionally, dignitaries such as H.E. Mr. Berik Aryn, Ambassador of the Republic of Kazakhstan to KSA and Permanent Representative of Kazakhstan to the OIC, and H.E. Dr. Ammar Taha Lateef Al Dulaimi, Responsible for Arab and Islamic Organizations at the Ministry of Higher Education and Scientific Research of the Republic of Iraq, graced the occasion. The Secretary General of the Organization of Islamic Cooperation (OIC) was represented by H.E. Mr. Muhammad Sekindi Abdunur, Director General of the Department of Science and Technology.

Prior to the formal proceedings, Prof. Dr. M. Rafiqul Islam, Vice Chancellor of IUT, provided a brief overview of the university's programs and activities. Other key university officials in attendance included Prof. Dr. Md. Ashraf Hossain, Acting Pro Vice Chancellor; Dr. Mwebesa Umar, Registrar; Prof. Dr. Md. Anayet Ullah Patwari, Head of the MPE Department; and Prof. Dr. Shakil Mohammad Rifaat, Chief of Establishment (In

Charge) and Rapporteur. Moreover, H.E. Prof. Dr. Abdallah Bakhit Saleh, Advisor to the Secretary General of OIC, and Ms. Aida Toumi, Professional Officer at the Department of Science and Technology, were also present, enriching the discussion with their expertise. The Governing Board deliberated on various topics outlined in the agenda, culminating in the formulation of valuable and significant decisions that will guide the future trajectory of the Islamic University of Technology.

CAMPUS ACTIVITIES

ME and CE Programs Earn Prestigious Accreditation from BAETE

The B.Sc. Engg. in Mechanical Engineering (ME) program and the B.Sc. Engg. in Civil Engineering (CE) program at IUT have achieved remarkable milestones with their recent accreditations from the Board of Accreditation for Engineering and Technical Education (BAETE). The ME program has secured an impressive four-year accreditation, highlighting the unwavering commitment and dedication of the university's faculty, staff, students, alumni, employers, industrial advisory panel, and supporters.

Moreover, the CE program has made history in Bangladesh by obtaining a groundbreaking six-year accreditation from BAETE, a first-ever achievement in the country. Previously accredited for five years, this extension to six years underscores the program's continuous pursuit of excellence and quality education in Civil Engineering.

ACI IUT Student Chapter Wins "Outstanding Student Chapter Award"

The ACI IUT Student Chapter has secured the prestigious "Outstanding Student Chapter Award" for 2023 from the American Concrete Institute (ACI), marking a significant achievement for the dedicated students involved. This award recognizes chapters that excel in fostering professional and academic growth while building strong ties with ACI and local chapters. Led by Prof. Dr. Md. Tarek Uddin, PEng., the chapter's outstanding leadership contributed to this success. In September 2023, the ACI President, Prof. Dr. Antonio Nanni, and other delegates visited IUT, emphasizing ACI's commitment to collaboration. The event, sponsored by GPH Ispat Ltd, showcased engagement with ACI student chapters from various institutions and included a prize-giving ceremony.

Successful Fire Drill Conducted at IUT

Faculty and staff members of IUT took part in a successful fire drill on 12th December 2023, in collaboration with the fire brigade and civil defense services. The drill featured live demonstrations by experienced fire rescuers and firefighters,



50th Governing Board Meeting of IUT



showcasing practical techniques for handling fire emergencies.



Hon'ble VC of IUT participated in the Fire Drill

Department of Education, Australian Government Recognized IUT as Section 1 University

Australian Government has classified the Islamic University of Technology (IUT) as a Section 01 university. As a result, all 4-year Bachelor degree of the Islamic University of Technology (IUT) is now equivalent to the Australian Qualifications Framework (AQF) Bachelor degree.

This accomplishment will absolutely benefit all alumni including present and future students by opening the horizon to enrol in graduate programmes directly after their Bachelor's Degree.

SEMINARS

EEE Department

Optical and Structural Fibers and Research Opportunities in Turkiye

The Department of Electrical and Electronic Engineering (EEE) organized a seminar titled "Optical and Structural Fibers and Research Opportunities in Turkiye" on March 1, 2024. The seminar featured Dr. Mustafa Ordu, Associate Professor and principal investigator at UNAM-National Nanotechnology Research Center, Bilkent University, Turkiye, as the distinguished guest speaker. Dr. Ordu's speech highlighted the latest advancements in optical and structural fibers and



Seminar on "Optical and Structural Fibers and Research Opportunities in Turkiye"

emphasized the research opportunities available in Turkiye. Acting Pro Vice Chancellor Prof. Dr. Md. Ashraful Hoque and Vice Chancellor Prof. Dr. Mohammad Rafiqul Islam were present in the seminar.

CSE Department

IUTCS Hosts Interactive Seminar with Google Alumni

IUTCS organized an exclusive interactive seminar featuring insights from two distinguished Googlers and IUT alumni, Shadman Protik and Shahed Ahmed. Held on 14th February, 2024. The seminar provided invaluable advice for students seeking career opportunities in the tech industry.



Seminar with Google Alumni

Explores Fairness in Machine Learning and Generative AI for Social Good

On February 20th, 2024, IUTCS hosted an enlightening seminar titled "Fairness Aware Machine Learning (ML) and Generative AI for Social Good" at the DLT Room. The seminar featured distinguished Professor Latifur Khan from The University of Texas at Dallas, USA. Participants had the opportunity to delve into the forefront of technology and explore cutting-edge applications of generative AI.



Seminar on "Fairness Aware Machine Learning (ML) and Generative AI for Social Good"

MPE Department

Meet the Industry Leader

The Department of Mechanical and Production Engineering at IUT organized a highly successful program titled "Meet the Industry Leader" on February 16th, 2024, in the university



auditorium. The esteemed event featured Sufi Mohamed Mizanur Rahman, Founder Chairman of the PHP Group, as the Chief Guest, and Prof. Dr. Mohammad Kaykobad from BRAC University as the Special Guest. Prof. Dr. Mohammad Rafiqul Islam, Vice-Chancellor of IUT, presided over the session as the Chief Patron. The program proved exceptionally engaging as the distinguished speakers shared invaluable experiences with the students, providing unique insights into the industry and academia.



Participants of the Seminar Organized by BTM Department



MPE Department organized Seminar on "Meet the Industry Leader"

BTM Department

Meet the Industry Leader

The Department of Business and Technology Management hosted a session of 'Meet the Industry Leader,' featuring Engr. Ghulam Mohammed Alomgir, Chairman of Max Group, as the chief guest. Mr. Alomgir shared insights from his life and company, offering valuable lessons on business and technology integration. During the session, he also shared his knowledge about navigating the business world with a blend of business acumen and technological expertise.



BTM Department organized Seminar on "Meet the Industry Leader"

Building a Cross-border Career

The Department of BTM organized a seminar on "Building a Cross-border Career" for the 2nd year students. The guest speaker of the session was Dr. Muhammad Safiullah, Senior Lecturer, RMIT, Australia. Dr. Muhammad Safiullah is an extraordinary knowledge bearer in the world of finance. He specializes in corporate finance, sustainable finance, Islamic banking, and corporate governance.

CEE Department

Seminar on Anthropogenic Climate Change

The Department of Civil and Environmental Engineering (CEE) organized a seminar on "Anthropogenic Climate Change" on October 25, 2023. Keynote speaker Mohammad Nazrul Haque, Director (International Affairs) at the Prime Minister's Office, Dhaka, Bangladesh, discussed Bangladesh's role in climate negotiation and its journey from vulnerability to resilience. Students from various departments attended the session.

Air Quality Modelling

On November 17, 2023, the Department of CEE hosted a seminar on "Air Quality Modelling." Dr. Md Munir Hayet Khan, Senior Lecturer in Civil Engineering at INTI International University, Malaysia, presented on the most modern software tools and control-mitigation strategies of AQM. Attendees gained insights into cutting-edge techniques for modeling air quality and addressing pollution challenges.

SHORT COURSES, TRAINING CERTIFICATE COURSE

SHORT COURSE

The Mechanical and Production Engineering (MPE) department at IUT recently concluded a successful short course on "3D Printing Using Reverse Engineering Technique" on November 17th and 18th. The closing ceremony, graced by the Vice-Chancellor, Pro-Vice-Chancellor, Head of the MPE department, and esteemed faculty members, honored participants with certificates for their dedication and successful completion of the course.



Short course on "3D Printing Using Reverse Engineering Technique"



TRAINING

The Office of AQA organized "Foundation Training" program for the newly appointed faculty members on September 02, 2023 and September 09, 2023. The training program covered rules and regulations of IUT and outcome based education (OBE). The Office of AQA also organized a seminar on "Malaysia Higher Education Blueprint 2015–2025" on February 14, 2024. Professor Dato' Ir Dr Mohd Saleh Jaafar, Pro Vice-Chancellor, UCSI University Bangladesh Branch Campus, Dhaka, Bangladesh was the keynote speaker of this seminar. Prof. Dr. Mohammad Rafiqul Islam, Honorable Vice-Chancellor, IUT graced the seminar as the Chief Guest.

CERTIFICATE COURSE

Certificate course on Arabic Language (Basic) by the Department of Technical and Vocational Education (TVE) on February 16th, 2024, at CALIS Lab. The event, graced by esteemed dignitaries, featured Vice-Chancellor Prof. Dr. Mohammad Rafiqul Islam as the chief guest, and Pro Vice-Chancellor (Acting) Prof. Dr. Md. Ashraful Hoque, Prof. Dr. Rezaul Karim, Dean of the Faculty of Science & Technical Education (FSTE), and Mr. Md. Shamsuddoha Russell, President of IUT Alumni association, as special guests. The course was facilitated by Brig Gen Shah Alam Chowdhury, Chairman & Chief Instructor of Tasheelul Quarn Academy (TQA), and coordinated by Prof. Dr. Md Shahadat Hossain Khan, Head of TVE at IUT.

STUDENTS' ACHIEVEMENTS

"Team Epilogue," led by Marshid Khan and Jafrin Rahman Nahin (both CEE 19), clinched victory as one of seven champions in Bicchuron 2.0. The event, sponsored by Green Delta Insurance, Young Bangla, and Power Cell, sought innovative ideas for power management and clean energy solutions.



Team Epilogue

Marshid Khan (CEE 19) and Jafrin Rahman Nahin (CEE 19), final-year students of our Civil and Environmental Engineering, have been crowned as first runner-up in the coveted SDG Policy Challenge 2023. The event was organized by the Swedish Embassy in Bangladesh, ICCCAD (International Center for Climate Change & Development) and Global Gatekeepers.

Project Altair, led by Sazid Rahman (CEE 19), Science Lead, and Nur-A-Piyas Mahbub (CEE 20), Senior Executive of the Science Subteam, won the "Scientists of the Future" award at the 2024 International Rover Challenge. They excelled in the Astrobiological Expedition Task (ABEx), surpassing 22 finalist teams from India, Bangladesh, and Russia, showcasing exceptional prowess in space exploration and innovation.

Team Minty Developers from CSE'19 claimed victory in 'The Great Web Off' competition hosted by IUT Computer Society and the Department of CSE. Comprising Rafi Hassan Chowdhury, Rahanuma Ryaan Ferdous, Sabah Nushra, and Lamiya Tahsin Orpa, their outstanding dedication, creativity, and technical skills have earned them the top spot.

Project Altair from IUT has achieved significant recognition, securing the 16th position among the top 25 teams in The European Rover Challenge (ERC). This prestigious international robotics competition tasks university teams with designing, building, and operating a Mars rover. Project Altair's remarkable design and operational prowess have not only placed them as the top Bangladeshi team but also the second-best Asian team to qualify for the finals. Their achievement highlights their dedication and innovation in the field of robotics.

Team IUT DEV MAVERICKS from the Islamic University of Technology (IUT) secured the 2nd runner-up spot at the SUST CSE Carnival 2024 Hackathon. Their innovative performance underscores their dedication to excellence and serves as a source of inspiration for others.



Team IUT DEV MAVERICKS

Nuzhat Islam Noumi from BTM'20 and her team "The Pitchers" achieved the position of Runners Up in the Admaking Segment of AUST IDC presents Mindsparks 2023. Competing against over 70 teams from various universities, they showcased remarkable creativity and innovation, securing their place among the top 20 finalists.

FACULTY NEWS

Prof. Dr. M. Ahsan Habib and Dr. Mohammad Nasim from the MPE Department are set to attend a workshop on advanced technologies for the Cezeri Fabrication Laboratory in Türkiye. It



Prof. Dr. M. Ahsan Habib and Dr. Mohammad Nasim with the participants in the TIKA Headquarters, Ankara, Türkiye

was invited and sponsored by the Turkish Cooperation and Coordination Agency (TIKA). The workshop is part of the "Science and Technology Education Program" conducted by TIKA in Istanbul and Ankara. This initiative involves 22 participants, with two representatives each from Cezeri Labs established in 11 countries. The aim is to enhance the scientific and industrial production-oriented technological infrastructures of friendly nations. The program will span 8 days, providing intensive training and knowledge exchange. Representatives attending the ceremony provided updates on the current status and activities of Cezeri Labs in their respective countries. They expressed satisfaction in collaborating with representatives from other nations, highlighting the opportunity to exchange ideas and develop joint projects.

Professor Dr. Md Shahadat Hossain Khan played dual roles of significance, serving as both a Technical Committee Member at the 6th International Conference on Engineering Education and Innovation (ICEEI 2023) in Bali, Indonesia, from December 16th to 18th, 2023, and as a Moderator for an online session on the International Day of Persons with Disabilities, themed "United in Action to Rescue and Achieve the Sustainable Development Goals (SDGs) for, with, and by Persons with Disabilities," which was organized by Australia Awards-Bangladesh on December 3rd, 2023.

We Mourn

H.E. Ambassador Askar Mussinov, Director General of the Islamic Organization for Food Security (IOFS) and former Assistant Secretary General (Science and Technology) of the Organisation of Islamic Cooperation (OIC), has passed away. His leadership in advancing science, technology, and food security initiatives has left an indelible mark on the international community. Ambassador Mussinov's legacy will be remembered with deep respect and gratitude.



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