

Souvenir



TECH FEST 2023

23rd-27th September, 2023

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2023

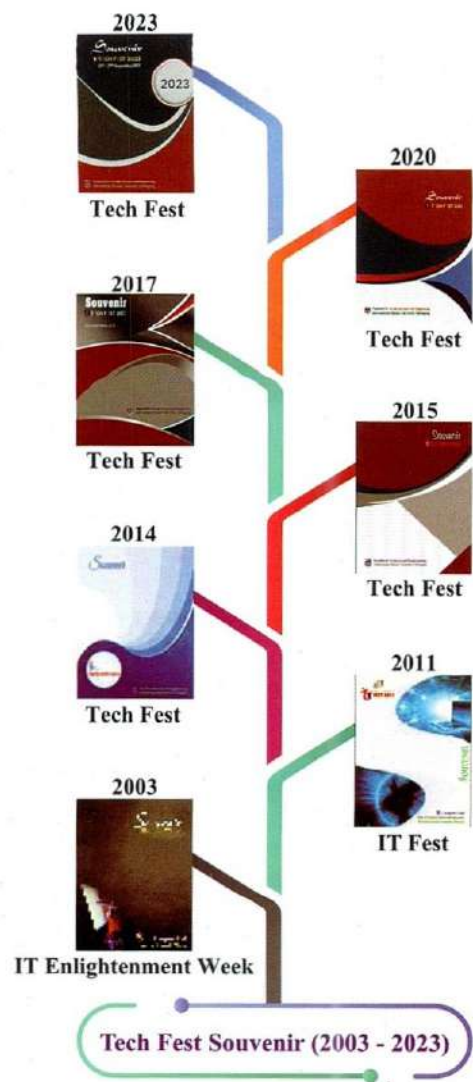


Organized by: **Faculty of Science and Engineering**
International Islamic University Chittagong

Souvenir

TECH FEST 2023

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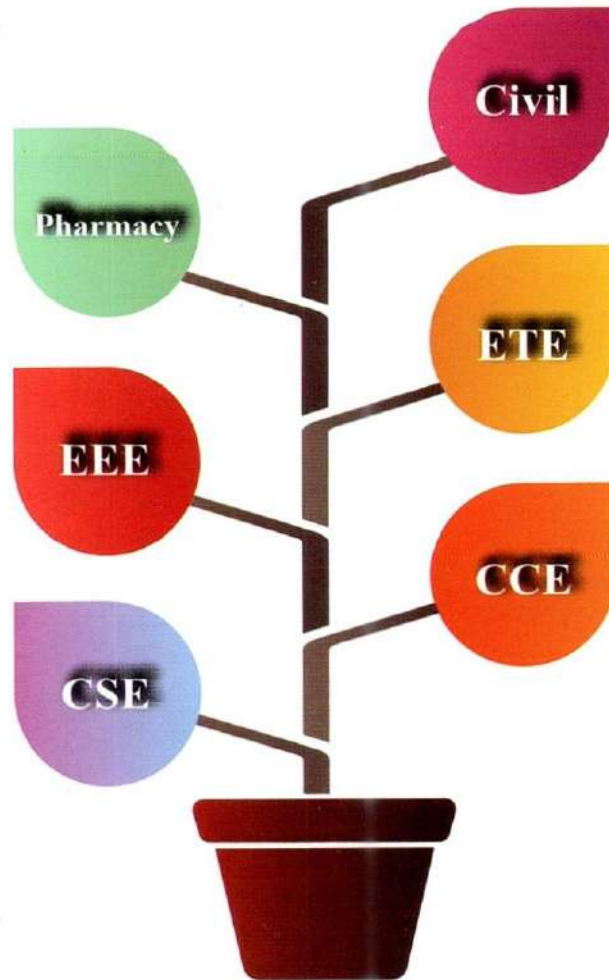


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**“O Allah, Increase Me in Knowledge.”
Surah Ta-Ha(20:114)**

Departments under Faculty



**Faculty of Science & Engineering
International Islamic University Chittagong**

Souvenir
 **TECH FEST 2023**
23-27 September, 2023

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Editor's Note



At the very outset, I would like to express my sincere gratitude to Almighty Allah (SWT) who has enabled us to release a souvenir on the occasion of Tech Fest-2023 held on September 23-27, 2023.

The souvenir is an attempt to preserve the memories of Tech Fest-2023 alive in the thoughts of our colleagues, students, participants, media partners, and well-wishers. I believe that this souvenir is like a mirror that reflects the comprehensive education system at IIUC with its academic programs as well as creative co-curricular activities.



A souvenir was first published in celebration of IT Enlightenment Week 2003. For the 2nd time a souvenir was released on the occasion of IT Fest 2011 which was organized on a small scale by the Computer Club, Department of Computer Science and Engineering, IIUC. The 3rd souvenir was released on the occasion of the Tech Fest organized by the Faculty of Science and Engineering in 2014 in which 1000 participants participated. The 4th, 5th and 6th souvenirs were released on the occasion of Tech Fest organized by Faculty of Science and Engineering, IIUC in 2015, 2017 and 2020 respectively. Then, for the seventh time, this souvenir is being released after completion of the Tech Fest 2023.

The Souvenir includes messages from dignitaries, writings by faculty members, full reports on Tech Fest, essays, short pictorial reports of departments, lists of faculty members, lists of club executive members, short lists of alumni, lists of sub-committees, lists of winners at Tech Fest etc. Apart from this, the details of Science Olympiad held in 2022 and 2023 are also mentioned. Finally pictorial representation of Tech Fest-2023 has been inserted in this souvenir. Note here that the departmental descriptions are arranged alphabetically.

I would like to express my sincere gratitude to all those who contributed wholeheartedly in various ways to make the publication a success. Despite our utmost care, there may be some printing mistakes. If that is the case, please accept my apologies.

May Allah accept our efforts and reward us with the best in this life and the hereafter.

A handwritten signature in black ink, appearing to read "A.N.M. Karim".

Prof. Dr. A.N.M. Rezaul Karim

Dept of Computer Science & Engineering
International Islamic University Chittagong

IIUC TECH FEST 2023

IIUC TECH FEST 2023

September 23 – 27, 2023

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Honorable Vice-Chancellor, IIUC

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| Mr. Mohammad Abu Sayeed | Associate Professor | Pharmacy |
| Mr. Kazi Ashfaq Ahmed Chowdhury | Assistant Professor | Pharmacy |

EVENTS

Inter-University Programming Contest
Inter-University Robo Soccer Competition
Inter-University Mobile Games and Apps Development Competition
Inter-University Project Showcase Competition
Inter-University Idea Generation Competition

Intra-University Math Olympiad

Intra-University Poster Presentation Competition
Intra-University Medicinal Plant Show Competition
Intra-University Mechanics Olympiad
Intra-University Cyber Games Competition
Intra-University Circuit Solution Competition
Intra University DocuFilm Competition
Intra-University Tech Olympiad

INAUGURAL CEREMONY

| | |
|----------------|---|
| Date | 23 September 2023 |
| Time | 10:30 am |
| Venue | IIUC Auditorium |
| Program Chair | Prof. Dr. Abu Reza Md. Nezamuddin Nadwi, MP <i>Honorable Chairman, BoT, IIUC</i> |
| Chief Guest | Engr. Md. Abdus Sabur <i>FIEB & President, IEB</i> |
| Guest of Honor | Prof. Md. Anwarul Azim Arif <i>Honorable Vice-Chancellor, IIUC</i> |
| Special Guests | Engr. Md. Abul Kalam Hazari <i>Honorary Assistant General Secretary (Academic & International Affairs), IEB</i> Engr. Md. Abdur Rashid <i>Chairman, IEB Chittagong Center</i> Prof. Dr. Engr. Rashid Ahmed Chowdhury <i>Member BOT & Chairman, Finance Committee, IIUC</i> Mr. Arfanul Islam <i>First Vice-President & Head of Branch UCBL Jubilee Road Branch, Chattogram</i> |

PRIZE GIVING CEREMONY

| | |
|----------------|--|
| Date | 11 October 2023 |
| Time | 10:30 am |
| Venue | IIUC Auditorium |
| Program Chair | Dr. Md. Shamimul Haque Choudhury <i>Dean, FSE, IIUC & Convener, Organizing Committee, Tech Fest 2023</i> |
| Chief Guest | Prof. Md. Anwarul Azim Arif, <i>Honorable Vice-Chancellor, IIUC</i> |
| Guest of Honor | Prof. Dr. Mohammed Moshul Hoque <i>Chair, IEEE Bangladesh Section</i> Prof. Dr. Mohammad Shamsul Arefin, <i>Dean, Faculty of Electrical & Computer Engineering, CUET & Chair, IEEE Computer Society Bangladesh Chapter</i> Mr. Arif Quadri <i>Managing Director & CEO, United Commercial Bank</i> |
| Special Guests | Prof. Dr. Kazi Deen Mohammad <i>Honorable Vice-Chairman, BoT, IIUC</i> Mrs. Rizia Reza Chowdhury <i>Honorable Member, BoT, IIUC & Chairman, Female Academic Zone, IIUC</i> Prof. Dr. Engr. Rashid Ahmed Chowdhury <i>Member BoT & Chairman, Finance Committee, IIUC</i> Prof. Dr. Mohammad Masrurul Mowla <i>Honorable Pro Vice-Chancellor, IIUC</i> Prof. Dr. Mohammed Humayun Kabir <i>Honorable Treasurer, IIUC</i> Mr. Mohammad Jashim Uddin <i>Director, Marketing & Sales, KSRM</i> |

Message



Chairman
Board of Trustees
International Islamic University Chittagong



I am glad to know that after the successful completion of Tech Fest-2023, the Faculty of Science and Engineering (FSE) of International Islamic University Chittagong (IIUC) is going to publish a souvenir which will be remembered in the hearts of the participating students.

Tech Fest is undoubtedly a great platform, especially for science and engineering students, to expand their latent intelligence by participating in various scientific and technological events that will surely open doors to better knowledge to meet the needs of our country. I believe Tech Fest 2023 has opened a platform where students and participants are informed about various new concepts in science, technology and engineering.

On behalf of the members of the Board of Trustees and the founding members of International Islamic University Chittagong, I would like to express my gratitude to the Faculty of Science and Engineering, IIUC for hosting such an event, which I hope will continue in the future. I would like to extend my best wishes to all the participants, the teachers and students involved for their efforts in organizing such a successful and beneficial event.

May everyone welcome the publication of this souvenir.

Prof. Dr. Abu Reza Md. Nezamuddin Nadwi, MP

Message



Vice-Chancellor
International Islamic University Chittagong



I am glad to know that Faculty of Science and Engineering of International Islamic University Chittagong (IIUC) successfully completed its Tech Fest-2023 which brought together students from various universities. I am very happy to know that a souvenir is going to be published on this occasion.

Tech Fest is known for organizing various events including competitions, exhibitions, lectures and workshops etc. It is an excellent program in which participants have the opportunity to interact with many talented youngsters at one stage to exchange youth perspectives, discover and sharpen latent talents.

I believe this festival will be a great platform especially for science and engineering students, to broaden their latent intellect by participating in various scientific and technological events that will certainly lead to the discovery of new knowledge.

I would like to congratulate the concerned faculty members and students for their tremendous efforts, as well as the Faculty of Science and Engineering of IIUC for organizing the festival.

I hope the souvenir that will be unveiled on the occasion of Tech Fest 2023 will be remembered in every one's heart.

Prof. Md. Anwarul Azim Arif

Message



Chief Guest
Inaugural Session
Tech Fest 2023

President
The Institution of Engineers
Bangladesh (IEB)



It is a really a matter of grand happiness that the Faculty of Science & Engineering of International Islamic University Chittagong (IIUC) is going to publish a Souvenir followed by its successful completion of Tech Fest-2023, which measured a great success with the participation of the enthusiastic students from different universities around Chittagong to compete on technical expertise as well as to expose their latent intelligence.

Today's competitive world is challenged by the progress of the great transformation of a new civilization. Science and technology, as the key vehicle to development, have historically had a mammoth impact on resolving the challenges that come with increased modernity and consumption. In the new millennium, our challenge is to build a new nation on the basis of a new worldview, combining technological skills with the excellent human values.

Needless to say, Tech Fest is certainly a good platform to find innovative ways to leverage technology and the talents are definitely enthusiastic to apply their skills to turn the planet earth to an ever-flourishing one. I believe, in conjunction with students from various universities around Chittagong, Tech Fest 2023 opened up such a platform where various issues of science, technology and engineering were discussed through participants' interaction, sharing and discussion.

Therefore, I would like to appreciate the enormous effort the Faculty of Science & Engineering, IIUC took to arrange such an event and also hope that it will continue in the coming years.

I would acknowledge the organizer's generosity to let me be a part of the festival to encourage all who participated in the fest spontaneously.

Last but not the least, I wish every success in publishing the souvenir following the celebration of the Tech Fest 2023
Joy Bangla, Joy Bangabandhu.

A handwritten signature in black ink, appearing to be "Md. Abdus Sabur".

Engr. Md. Abdus Sabur

Message



Pro Vice-Chancellor
International Islamic University Chittagong



It is a matter of pleasure that the Faculty of Science and Engineering of International Islamic University Chittagong (IIUC) is going to release a souvenir after the successful completion of its gorgeous event “Tech Fest-2023”. I am thrilled to share my thoughts on the Tech Fest, which took place from September 23 to 27, 2023, at the IIUC Campus in Kumira, Chattogram, has provided a vibrant platform for students to exchange ideas and explore the latest innovations in science and engineering.

I am delighted to hear that more than 2000 students from various universities in and around Chittagong have gathered here to showcase their technical skills in this exceptional event organized by Faculty of Science and Engineering of International Islamic University Chittagong (IIUC).

I was really impressed by the innovative and competitive spirit of the participants including the ones from IIUC. Tech Fest is fully aligned with IIUC's vision of 'Outcome-based education'. Without such healthy competition, the journey of science students may come to a standstill. It is in this context that Tech Fest enlivens their educational experience and inspires students to showcase their skills and technological innovations.

I extend my heartiest congratulations to the dedicated faculty members and students who have made this innovative technology festival a reality. I truly hope that Tech Fest continues to thrive with new skills and ideas in the years to come. Not only that, I also wish to continue publishing souvenir on the occasion of Tech Fest.

Prof. Dr. Mohammad Masrurul Mowla

Message



Treasurer
International Islamic University Chittagong



I am glad to learn that the Faculty of Science and Engineering of International Islamic University Chittagong (IUC) has completed its Tech Fest 2023 in a befitting manner. It is also gratifying to note that a souvenir is going to be published to mark this event.

In occasions like this various competitions, exhibitions, lectures as well as workshops are arranged. I am certain that such Tech Fest gives ample opportunities to the participants and contestants to mingle with so many talented youths, to exchange views, discover and sharpen their talents and show their capabilities in the technical and oratory skills that are desired to be required in this digital era.

I congratulate the concerned faculty and students who contributed to arrange such a successful and useful event.

I wish the Souvenir being published to be worthy of praise by everyone.

Prof. Dr. Mohammed Humayun Kabir

Message



Dean, Faculty of Science and Engineering
Convener, Organizing Committee, Tech Fest 2023
International Islamic University Chittagong



Welcome Speech

I would like to express my profound gratitude to the Almighty Allah, whose boundless blessings enabled us to successfully complete "Tech Fest 2023". I was first concerned about organizing such a large-scale program. However, with the cooperation of my colleagues, the program was carried out smoothly without major complications. I am deeply appreciative of the unwavering support provided by the IIUC authorities for all their cooperation. My heartfelt thanks should go out to the members of the organizing committee, all the dedicated sub-committee members, and all the volunteers who exhibited tireless efforts throughout the festival. Additionally, I extend my gratitude to the honorable sponsor companies whose cooperation significantly facilitated the completion of the entire program. I want to express my sincere thanks to them and hope for their continued support in future events.

Due to the challenges posed by the ongoing pandemic, the Faculty of Science and Engineering had not been able to organize a program like this since 2020. Notably, this Tech Fest stands as the largest among the previous six events we have organized. This time, we hosted 13 different events, including exciting new additions such as the Documentary Film Competition, Math Olympiad, and Mechanics Olympiad. A Technology festival, with the participation of over 2000 students from 12 different universities, holds immense significance. It serves as a vibrant melting pot of knowledge, ideas, and innovation, fostering invaluable connections and experiences for the participants. The Tech Fest serves as a platform for students to showcase their potential to peers from various departments within the university and beyond. The healthy competition among students fosters teamwork, inter-departmental relationships, and leadership qualities.

I believe that this occasion will shine a bright light on our university within our country, and I have a strong conviction that through their participation in these diverse events, our students will gain valuable experiences and pave the way for their successful careers in future.

Dr. Md. Shamimul Haque Choudhury

Message



Associate Professor, Department of CSE
Member Secretary, Tech Fest-2023
International Islamic University Chittagong



It is a matter of great happiness that a memento is being published after successful completion of our grand event, "Tech Fest 2023-a celebration of creativity, innovation, and progress."! The memento beautifully encapsulates the essence of Tech Fest-2023. It serves as a tribute to the exceptional achievements of our brilliant students and dedicated faculty members. It is a collection of works that represent the topmost level of our students' and instructors' efforts. We acknowledge the significance of collaborative work in accelerating development and knowledge advancement.

"Tech Fest 2023" is more than just an event; it stands as a remarkable academic platform that marks a significant milestone, with over 2000 enthusiastic participants from 12 different universities across the region taking part in a variety of 13 unique and captivating events, fostering a vibrant exchange of ideas and knowledge. The fest acts as a lighthouse for presenting the most recent technological developments in concepts, applications, gadgets, and hands-on experiences. This event offers a unique platform for attendees to engage with experts across diverse topics, reflecting IIUC's distinctive character.

I extend my heartfelt gratitude to Honorable Vice-Chancellor, Professor Md. Anwarul Azim Arif, and Honorable Pro Vice-Chancellor, Professor Dr. Mohammad Masrurul Mowla, for their unwavering support. My profound thanks also extend to the officials and distinguished founders of IIUC, as well as the Honorable Dean, Dr. Md. Shamimul Haque Choudhury, whose crucial roles made this event possible.

I deeply appreciate the dedicated volunteers and my colleagues who worked tirelessly behind the scenes to ensure the success of this event. The guidance and participation of judges and enthusiastic participants have been my constant inspiration, turning this event into a cherished legacy. With the blessings of Allah (SWT), I hope our efforts pave the way toward a simpler, standardized path to a digital Bangladesh.

Finally, a warm welcome to "Tech Fest 2023" – let's embark on this journey of creativity, innovation, and progress together."

Warm regards,

Dr. Muhammed Jamshed Alam Patwary

Honorable Deans Faculty of Science & Engineering IIUC



Prof. Dr. Md. Nurul Islam

01.02.2001 to 31.12.2004



Mr. SAM Motakabber

28.02.2007 to 31.10.2007



Mohammed Shamsul Alam

06.04.2011 to 31.07.2011



Prof. Dr. Md. Monirul Islam

01.10.2016 to 30.09.2018



Prof. Dr. Mohammed Akter Sayeed

11.10.2020 to 07.11.2022



Prof. Dr. Md. Delawer Hossain

01.01.2005 to 31.10.2006



Prof. Dr. Mohammad Rezaul Huque Khan

01.11.2007 to 30.09.2010



Prof. Dr. Md. Delawer Hossain

01.08.2011 to 30.09.2016



Prof. Dr. Md. Delawer Hossain

01.10.2018 to 10.10.2020



Dr. Md. Shamimul Haque Chy.

08.11.2022 to till now



A Brief Report on Tech Fest-2023

By

Dr. Muhammed Jamshed Alam Patwary

Member Secretary, Tech Fest-2023

Associate Professor, CSE, IIUC

Introduction

Tech Fest 2023 serves as a hub for the exchange of knowledge and the exploration of cutting-edge technology in a welcoming atmosphere on the IIUC campus. Guided by the Faculty of Science and Engineering (FSE) 'Tech Fest 2023' showcased an impressive array of 13 events. This grand event brought together a remarkable assembly of 2,172 students, representing both IIUC and 12 other distinguished universities from the Chittagong Division. The pre-event activities for 'Tech Fest 2023' commenced on September 20, 2023, setting the stage for a transformative experience. The main event unfolded on September 23, 2023, and continued its dynamic course until September 27, 2023. The diverse spectrum of events included the 15th Inter University Programming Contest, Inter University Robo Soccer Competition, Inter University Idea Generation Competition, Inter-University Mobile Games and Apps Development Competition, Mechanics Olympiad, Intra-University Poster Presentation Competition, Medicinal Plant Show Competition, Math Olympiad, Intra University DocuFilm Contest, Circuit Solution Competition, Intra-University Cyber Gaming Contest, and Intra University Tech Olympiad. With each passing day, the number and quality of events have witnessed remarkable growth, cementing the university's reputation as a center of innovation and excellence.

'Tech Fest 2023' has not only fostered an environment of learning and camaraderie but also raised the profile and prestige of the university to new heights.

Inaugural Ceremony

The Faculty of Science and Engineering at International Islamic University Chittagong (IIUC) hosted the five-day 'Tech Fest 2023,' which began with a grand ceremony. The Chief Guest at the opening ceremony of 'Tech Fest 2023' was Engineer Md. Abdus Sabur, President of the Institution of Engineers Bangladesh (IEB). The event was presided over by Prof. Dr. Abu Reza Md. Nezamuddin Nadwi, MP, and Chairman of the Board of Trustees of IIUC. Engineer Md. Abdus Sabur, who spoke as the Chief Guest, expressed his delight in coming to this university, saying, "I am proud to be here at this university, surrounded by the beautiful landscape of mountains and the sea. Events like Tech Fest will help acquaint students with the future of technology and contribute to the development of their minds and skills. If new and unforgettable innovations in science are mastered by the young students, it will



easily serve the welfare of the people and stand as a shining example in building a smart Bangladesh. Professor Dr. Abu Reza Md. Nezamuddin Nadwi, MP, emphasized the government's focus on education under the visionary leadership of the honorable Prime Minister. He stated that in every aspect, the development of education is now visible in the overall development. The construction of 560 model masjids, Padma Bridge, metro rail, Karnaphuli Tunnel, and Elevated Expressway, alongside the contributions of engineers, presents opportunities for excellence. Along with the

overall development of the IIUC education system, students now have access to facilities such as a gymnasium for physical exercise, a modern library for academic research, and a masjid for prayer, and they will soon be able to enjoy the beauty of Hatirjheel Lake. He highlighted the importance of science students and engineers in the university's advancement. Professor Md. Anwarul Azim Arif, Vice-Chancellor of the International Islamic University Chittagong (IIUC); Engineer Md. Abdul Kalam Hazari , Academic and International Affairs Secretary of the Institution of Engineers Bangladesh (IEB); Engineer Md. Abdur Rashid, Chairman of the IEB Chittagong Center; and Engineer S.R. Touhidul Islam, General Secretary (Pro Tem) of the IEB Chittagong Center were among the distinguished guests present. Following a recitation from the Holy Quran and the playing of the national anthem, 'Tech Fest 2023' officially opened and ran for five days. This event was conducted by Dr. Muhammad Azizul Hoque, Sabrina Jahan Maisha, and ABM Yasir Arafat.

15th Inter-University Programming Contest

The 15th Inter University Programming Contest, which had 71 teams from major universities, 14 of which were from IIUC, was the event's highlight. The event was sponsored by Solution World Limited, represented by Managing Director Abdullah Ibn Nurul Islam, Welcast Group, represented by Chairman Mohammed Arif Hasnayeen and Walton Laptop. BAPS (Bangladesh Association of Problem Setters) provided the problem set for this contest. Their support enabled this premier programming competition, which put the brightest young minds to the test.

Contest Standings:

<https://toph.co/c/15th-iiuc-inter-university-2023/standings>

Following the competition, Jamil As-ad, Lecturer of IIUC CSE, presided over the closing ceremony at the Central Auditorium, in collaboration with Arnab, a



7th-semester student and Debate Secretary of IIUC Computer Club. The program was graced by the Chair, Prof. Mohammed Shamsul Alam (Convener, IIUPC-2023), Chief Guest Prof. Dr. Mohammed Humayun Kabir (Treasurer, IIUC), Special Guest Dr. Md. Shamimul Haque Choudhury (Dean of FSE, IIUC), Guest of Honor Mohammed Arif Hasnayeen (Chairman, Welcast Group), Special Guest Dr. Eng. Mohammed Aman Ullah (Chairman of CSE Dept, IIUC & President of IIUC Computer Club), and Guest of Honor Abdullah Ibn Nurul Islam (Managing Director, Solution World Limited). The following people are the contest winners: The champion team, CU_Chuno-

Puti, led by the coach Dr. Abu Nowshed Chy, included Nayemur Rahman Nayem, Md. Sabbir Hasan Bhuiyan, and Tapos Chandra Das from the University of Chittagong. The first runner-up team, Fugitives, included Ashfaqur Rahman, Tanzim Bin Nasir, and Md. Rejwan Kabir Hamim from Chittagong University of Engineering and Technology, under the mentorship of Ashim Dey, and the second runner-up, Big_Brothers, was made up of Mohammad Nayemul Islam, Easar Mostafa Sajid, and Abu Bakkar Siddik, with Jamil As-ad as their coach, proudly representing International Islamic University Chittagong. Additionally, the Best Female team at the 5th position was NSTU_DOT, consisting of Puja Dhar, Poly Akter, and Khadija Tul Kubra, under the guidance of A. R. M. Mahmudul Hasan Rana, from Noakhali Science and Technology University.

Inter-University Robo Soccer Competition

The Inter University Robo Soccer Competition, an integral part of the highly anticipated Tech Fest 2023, unfolded amid great fanfare and anticipation within the hallowed confines of the Central Auditorium of IIUC. Attendees, comprising a diverse mix of students, faculty members, and esteemed guests, were treated to a spectacular display of technological marvels as the robots battled it out on the football field, marking a momentous milestone in the annals of IIUC's technological legacy.

The tournament, boasting an impressive lineup of 17 competing teams from 6 different institutions, provided an immersive experience for both participants and onlookers, as each match unfolded with nerve-wracking intensity and strategic prowess. The atmosphere was alive with an electric energy, accentuated by the fervent cheers and applause that reverberated throughout the auditorium, underscoring the growing enthusiasm and passion for robotics within the academic community.

The commendable performance of Team Impact, representing IIUC, was met with resounding applause as they demonstrated remarkable skill and ingenuity, reaching

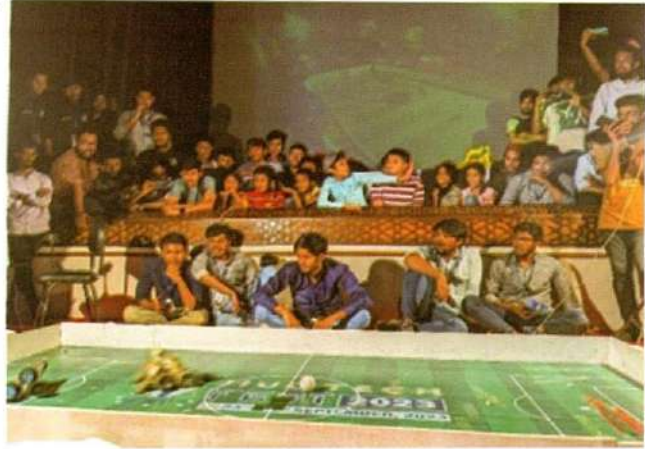


the semifinals before their valiant journey concluded. However, the ultimate showdown between the formidable teams Gladiator and Bumblebee left the audience on the edge of their seats, as Bumblebee emerged triumphant, extinguishing Gladiator's winning streak and securing the prestigious championship title, amidst a cacophony of excitement and admiration from the enthralled spectators.

The auspicious inauguration of the event was graced by the esteemed presence of the Dean of FSE, Dr. Md. Shamimul Haque Choudhury, alongside notable luminaries including

Muhammad Athar Uddin, Prof. Dr. Md. Delawer Hossain, Engr. Sk. Md. Golam Mostafa, Mohammed Abdul Kader, Dr. Muhammad Jamshed Alam Patwary, Dr. Md. Aasim Ullah, and Mohammad Wali Ullah, whose collective expertise and support lent an air of prestige and scholarly distinction to the occasion.

Additionally, the event was further enriched by the participation of faculty members from various departments, who were accompanied by their families and children, symbolizing the spirit of camaraderie and inclusivity that forms the bedrock of IIUC's vibrant academic community. Their collective presence contributed to fostering an atmosphere of warmth and unity, underscoring the institution's commitment to fostering holistic development and fostering a sense of belonging among its academic fraternity.



The snapshots captured during the event serve as enduring mementos, encapsulating the spirit of collaboration, innovation, and sportsmanship that defined the essence of the Tech Fest 2023, setting the stage for continued exploration and advancement in the realm of robotics and technological excellence.

Inter-University Project Showcase Competition

The most electrifying segment of IIUC Tech Fest'23, the Inter-University Project Showcase Competition, took place on September 23, 2023, aiming to promote innovation and collaboration among university students while providing a platform to exhibit their projects to a broader audience. The initial registration for this inclusive tournament was 54 teams, 45 male teams and 9 female teams, with 48 teams eventually competing, including 8 female teams and 40 male teams. The participating teams represented various universities, with 51 teams hailing from IIUC (International Islamic University Chittagong), 2 teams from CU (Chittagong University), and 1 team from CIU (Chittagong Independent University). The competition was meticulously evaluated by a panel of expert judges hailing from diverse departments, such as Computer Science and Engineering (CSE), Electrical and Electronic Engineering (EEE), Electronics and Telecommunication Engineering (ETE), and Pharmacy, and included individuals such as Mohammed Jashim Uddin, Associate Professor in the Department of ETE at IIUC; Dr. Md. Zia Uddin, Associate Professor in the Department of Pharmacy at IIUC; Mohammed Abdul Kader, Assistant Professor in the Department of EEE at IIUC; and Saharir Reza, Assistant Lecturer in the Department of CSE at IIUC.



Evaluation Criteria:

The projects were evaluated depending on these criteria:

- i. In-Depth Knowledge -15
- ii. Social Impact -05
- iii. Novelty -05
- iv. Functional Output -10
- v. Presentation/Communication -10
- vi. Cost Analysis -05

The first runner-up received Tk.3,000, second runner-up



received Tk. 2,000, the Best Young Star received Tk. 2,000 and the Best Female Participant received Tk. 2,000 as prize money respectively.

Inter-University Idea Generation Competition

Inter University Idea Generation competition was held on 23-24th September 2023 in the premises of IIUC. Thirty



five (35) teams from different universities of Bangladesh participated in the competition. All teams presented their ideas lively in front of judge panel. Among them, ideas of six teams have been selected for prize by the collective decision of judges.

Inter-University Mobile Games and Apps Development Competition

The Faculty of Science and Engineering at IIUC organized a Tech Fest 2023 from September 23, 2023, to September 27, 2023. Among the 13 technical events featured in the festival, the "Inter-University Mobile Games and Apps Development Competition" stood out as one of the most prestigious events held on September 23, 2023, from 10:00 a.m. to 01:00 p.m. The event was meticulously organized by Engr. MD Jiabul Hoque as the convener and Engr. Mohammad Nadib Hasan as the member secretary, along with the valuable contributions of six other members from various departments within the faculty.



This competition drew significant attention, attracting 20 teams, each comprising three members, from different universities in the Chittagong division. The enthusiastic participation of teams from various educational institutions underscored the importance of fostering collaboration, knowledge-sharing, and healthy competition in the region.

The organizing committee, under the guidance of Engr. MD Jiabul Hoque and Engr. Mohammad Nadib Hasan ensured that the event ran smoothly. The team worked tirelessly to create an environment encouraging innovation, creativity, and technical prowess. It was heartening to see the collaboration between members of different departments within the faculty to make this event a resounding success. The committee agreed to charge



each team 900 Taka for registration. Each team member received refreshments, a delicious lunch, and a kit box comprising a t-shirt, pen, and note book. The competition was evaluated by a panel of three competent judges representing various universities, including the Chittagong University of Engineering and Technology (CUET). These judges brought a wealth of experience and technical expertise to the table, ensuring a fair and objective evaluation of the participants' creations. The "Inter-University Mobile Games and Apps Development Competition" showcased remarkable talent and innovation from participating teams. The winners of this prestigious event exemplified their technical prowess and creativity, setting a standard for excellence in software development.

The Champion "Team Code Automators" demonstrated outstanding skills and creativity in their project named "MFS Account Automation." Their innovation and technical competence have earned them the prestigious title and a well-deserved reward of 10,000 Taka, along with a certificate and a crest. Their achievement reflects their dedication and hard work in developing their mobile application.

The 1st Runner Up, Team End Game, showcased their talent and creativity with their project, "Shoisob." Their dedication to software development earned them the 1st Runner Up position, a prize of 6,000 Taka, a certificate, and a crest. Their work reflects their commitment to innovation and ability to create impactful mobile applications.

The 2nd Runner Up, Team Error 404, impressed the judges with their project, "IIUC Student Dashboard." Their dedication and technical skills earned them the 2nd Runner Up position, a prize of 4,000 Taka, a certificate, and a crest. Their work reflects their commitment to creating valuable applications that can benefit their institution and beyond.

In addition to the winners, all participants in the competition received participation certificates, recognizing their efforts and encouraging them to continue exploring the world of software development. This inclusive approach aims to inspire all participants and foster a culture of learning and innovation in mobile game and app development.

Mechanics Olympiad

Mechanics Olympiad was held for the first time under the organization of FSE & Department of Civil Engineering, International Islamic University of Chittagong under the management of Civil Engineering Club. The Olympiad started on 25 September 2023 with the participation of students of Civil Engineering Department.

The examination was held at 10:45 am with a one-and-a-half-hour preliminary test. After that, the final test started at 2.15 pm with the top 20 candidates who had obtained the highest Score.

The Top 3 are selected after an hour test. Crests and certificates were later handed to the chosen three people in the presence of the Civil Department Chairman and other faculty members and students. Apart from this, T-shirts were given to the 20 participants selected in the preliminary test and certificates were distributed to all the participants.



Intra-University Poster Presentation Competition

As part of Tech Fest 2023, the faculty of Science and Engineering at International Islamic University Chittagong sponsored an exciting Intra-University Poster Presentation Competition. The event served as a platform for budding student researchers to showcase their ingenuity, highlight their research projects, and foster a culture of innovation within the university.





The competition attracted students from various departments and levels of study, offering diverse research topics and ideas. With a clear focus on enhancing students' research and presentation skills, the competition saw participation from undergraduate students. This event showcased the university's remarkable depth of research talent and the commitment to fostering a culture of innovation. The competition saw many research

topics ranging from engineering to science applications.

About 60 groups from various departments of FSE have registered and participated in the primary selection round of the competition. The respective panel of reviewers from each department has accomplished the primary selection. Among the participating research articles, about 48 articles have been selected for the final round presentation by the blind review system. The committee has proposed a predefined format for the final presentation. A total of 47 groups with 90 members presented their engineering & science research through posters in the final competition. 22 groups out of 47 were engineering track from the dept. of CSE, CCE, ETE & EEE IIUC, and 25 Groups out of 47 were from the dept. of Pharmacy, IIUC.

Prof. Dr. Mohammad Osiur Rahman, Professor, CSE, CU, a prominent researcher in Science & Engineering, graced the event as the Guest of Honor. In his inspiring speech, he emphasized the importance of such competitions in nurturing future innovators and problem solvers. In his words, "These competitions not only hone your research and presentation skills but also prepare you for the real-world challenges where innovation and communication play a pivotal role". Dr. Md. Shamimul Haque Chowdhury, Dean, Faculty of Science & Engineering, IIUC, graced the event as the Chief Guest.

The final contest was held on 24 September 2023, from 09.00 am - 01.00 pm, in front of the IIUC Central Masjid & Female Academic Zone at IIUC Campus. A team of judges for the engineering track named Prof. Dr. Mohammad Osiur Rahman, Professor, CSE, CU; Prof. Engr. Md. Razu Ahmed, Professor & Chairman, Dept. of CCE, IIUC; Md. Mostafa Amir Faisal, Assistant Professor, Dept. of ETE, IIUC; Md. Humayun Kabir, Lecturer, Dept. of CCE, IIUC. For the science track, a team of judges named Prof. Dr. Mohammad Osiur Rahman, Professor, CSE, CU; Dr. Mohammed



Saifuddin, Assistant Professor, Dept. of CCE, IIUC; Md. Khorshed Ali, Assistant Professor, Dept. of CCE, IIUC; Mohammad Nazmul Islam, Lecturer, Dept. of Pharmacy, IIUC; Areez Hafiz Md. Zahid, Lecturer, Dept. of CCE, IIUC were present. The judging panel consisted of esteemed faculty members from various departments, who were all impressed by the depth and quality of the research. The competition criteria included originality, research methodology, presentation skills, and the potential impact of the research.

The whole event was coordinated by Prof. Engr. Md. Razu Ahmed, Professor & Chairman, Dept. of CCE, IIUC; and Md. Humayun Kabir, Lecturer, Dept. of CCE, IIUC. A group of volunteers from the CCE Club supported to make the event happen successfully.

The faculty of Science and Engineering at International Islamic University Chittagong continues to encourage its students to pursue research and innovation, reinforcing its commitment to producing well-rounded graduates who will make a meaningful impact in the ever-evolving world of science and technology.

Medicinal Plant Show Competition

“Tech Fest” is the biennial science and technology festival organized by Faculty of Science and Engineering, IIUC. This festival is focused to promote and encourage the ideas and innovation among the young next generation of the country. During 23th-27th September 2023, it was for the seventh time this science and technology fest took place in green and scenic campus of IIUC in Kumira, Chattogram. One of the most green and worthwhile events of Tech Fest is Intra-university Medicinal Plant Show Competition. This year’s theme was “Bring the nature’s cure to people.” The show placed on the Department of Pharmacy premises in the second day of the Tech Fest. Total 35 teams participated in two separate sections for male and female. Each team had three members. All participating teams were from of different departments of FSE, IIUC. In the competition, participants showed the importance and value of the common and some rare plants around us. They emphasized on the medicinal activity of the plants and their traditional uses and available bioactive compound, marketed drugs based on scientific papers. Prof. Dr. Mohammed Aktar Sayeed, Professor and Mr. Md. Ashraful Alam Rana, Lecturer, Department of Pharmacy, IIUC in the male section, and Mr. Mohammad Abu Sayeed, Associate Professor of Pharmacy and Mr. Md. Khorshed Ali Assistant Professor of Chemistry, Department of CSE, IIUC in the female section, were among the judges present to evaluate the competition. All the judges are renowned researchers in the field of ethno-pharmacology and natural product chemistry and have published a number of research articles on the field. The champion and runner-up teams were evaluated based on their ideas, ethno pharmacological uses, and feasibility of implementation as therapeutics, impact and presentation by the participants. The show drew a large number of visitors who were interested in the therapeutic plants available in their area. Notable visitors were Dr. Shamimul Haque Chowdhury, Dean of FSE, IIUC, senior faculty members from different departments, students from different universities. The visitors highly appreciated the sincere participation of the students and show organizing committee’s efforts to make the event successful within a short time frame. The show was ended with awarding prizes to winning teams at Tech Fest prize giving ceremony in the IIUC Central Auditorium.



Math Olympiad

Math Olympiad event was held on 20th September, 2023 as a part of Tech Fest 2023. Among all the events, it was an exciting competition, which grabbed everyone's attention as a highlight event of Tech Fest. 370 IIUCIAN male and female students registered for the event. The opening ceremony of Math Olympiad was held on 20th September, 2023 at 10:30 AM at IIUC Auditorium. Prof. Md. Anwarul Azim Arif, Honorable Vice-Chancellor of IIUC was present as the Chief Guest. Mrs. Rizia Reza Chowdhury, Member of Board Trustees of IIUC and Prof. Dr. Muhammad Humayun Kabir, Honorable Treasurer of IIUC were present as Guests of Honor. Prof. Dr. Jalal Ahmed, Dept. of Mathematics, University of Chittagong and Dr. Md. Shamimul Haque Chowdhury, Dean, Faculty of Science and Engineering, IIUC were present as special guests.

After the guests were seated, the program began with the recitation from the Holy Quran, followed by the playing of the national anthem. Professor Dr. A.N.M. Rezaul Karim, Honorable convener of Mathematics Olympiad gave a welcome speech on the occasion. The Chief Guest Honorable Vice-Chancellor of IIUC Prof. Md. Anwarul Azim Arif addressed the participants and announced the official opening of the Mathematics Olympiad. After that, 370 students, both male and female participated in Math Olympiad from 11:45 am to 1:15 pm.

Math Olympiad as a part of IIUC Tech Fest provides a competitive platform for IIUC students to showcase their logical thinking and problem-solving skills and unlock new possibilities. There were 235 candidates in Group Alpha and 135 contestants in Group Beta, with 211 female and 159 male students competing in Math Olympiad. Kits were distributed among the students at the beginning of the competition. It should be noted that 1st, 2nd and 3rd prizes were awarded separately to male and female students from Group Alpha and Group Beta. Besides, a total prize money of 10,200/- is awarded to the first, second and third place winners in Math Olympiad.

Intra-University Docu Film Contest

"Intra University DocuFilm Contest" on the occasion of Tech Fest 2023 was held successfully dated 25th September in which total 13 teams submitted their Docu Film via online platform based on highlighting University. The judges were Dr. Md. Shariful Haque and Mr. Danial Alam. After thorough evaluation of DocuFilms based on different rubrics, the followings were selected as winners by honorable judges.



"Film By Shawon's Eye" took first place in the competition, with Md Nizam Uddin Shawon from the Department of Computer and Communication Engineering (CCE) and Md Sheikh Farid Showrov from the Bachelor of Business Administration (BBA) program emerging as the victors. "EEExcellence Captured," represented by Md Sayedul Islam Babu and Syed Mohammad Alvi from the Department of Electrical and Electronic Engineering (EEE), took second place. "Competent," featuring Diganta Barua from the Department of Electronics and Telecommunication Engineering (ETE), secured the third position.



Circuit Solution Competition

It was one of the most attractive and prestigious events of TECH FEST 2023 which was held on 25th September 2023 from 11.30 am to 12.30 pm. The exam duration was 60 minutes for 50 marks. Ten questions were multiple choices for 20 marks [10*2] and five questions were analytical for 30 marks [5*6]. Students had to solve the circuits within the limited space provided. The question covers the area of DC & AC network theorems. 130 students participated from five different engineering departments of International Islamic University Chittagong (IIUC). The competition was held separately for male and female students. A total of 130 students (Male: 94 and Female: 36) participated in this competition. Dr. Shamimul Haque Chowdhury, Dean of Faculty of Science and Engineering, International Islamic University Chittagong (IIUC) was present as the chief guest at this contest. Muhammad Athar Uddin, Associate Professor, Department of EEE, IIUC, Convener, Circuit Solution Competition Sub-Committee, Tech Fest 2023 chaired the session.



Intra-University Cyber Gaming Contest

"IIUC Tech Fest 2023 presents the 'Intra-University Cyber Gaming Contest: The Next Level Showdown.' Step into the digital arena and embrace the future of gaming! Compete in thrilling e-sports battles, explore immersive virtual worlds, and unlock your gaming prowess.

The Intra-University Cyber Gaming Contest occurred from September 19th to September 25th, 2023, as a standout event within IIUC Tech Fest 2023. This exciting competition captured the attention of all, becoming the festival's highlight. A total of 353 participants including male and female from all departments of IIUC have registered for this gaming extravaganza. The contest featured five distinct games, with two exclusives to female participants and three for their male counterparts. Out of 353 participants, 94 engaged



in LUDO Star, 21 contenders embraced the Chess Board challenges, 106 individuals participated in E-Football (PES), 42 competitors took on Need for Speed Most Wanted (2005), and the Call Of Duty Mobile category had 18 teams with 90 gamers. Female participants competed in LUDO Star and Chess Board rounds, while male participants engaged in Need for Speed Most Wanted (2005) [Solo], Call Of Duty Mobile, and E-Football (PES Mobile) [Solo]. Female gaming sessions took place at the Department of Computer Science and Engineering, IIUC Female Campus, while male participants converged at the Department of Computer Science and Engineering, IIUC Campus.



The schedule unfolded with the Call of Duty Mobile competition on September 19, 2023, followed by E-Football (PES) on September 20, 2023, and Need For Speed Most Wanted (2005) on September 24, 2023. The female Chess Board competition and LUDO Star event occurred on September 19 and 20, 2023, respectively. Dr. Md. Shamimul Haque Chowdhury, Dean of the Faculty of Science and Engineering at IIUC, inaugurated the female gaming competition. The inaugural ceremony was conducted by Mohammad Manjur Alam and presided over by Dr. Mohammad Moazzam Hossain, both of whom are Associate Professors in the CSE department and members of the Cyber Gaming Contest's secretary and convener.



The semi-final and final matches were held on September 25 from 9 am to 4.30 pm at the IIUC Central Auditorium.



Intra-University Tech Olympiad

“Intra University Tech Olympiad” on the occasion of Tech Fest 2023 was held successfully dated 23rd September (primary) and 26th September (Final) in which a total of 149 students (63 male & 86 female) participated in primary round and 40 of them were selected for the final round. The judges were Dr. Saif Hannan, Dr. Air Mohammad Siddiky, SanjidaSharmin, Ahmad, Jubaida Nahar Tuliand Zarin Tanzim. After a thorough evaluation of the 4 levels of quiz competition, the esteemed judges selected the best performers from among the participants as winners.



Prize Giving Ceremony

On Wednesday, October 11, 2023, the closing and prize giving ceremony of 'Tech Fest 2023' was held at IIUC's Central Auditorium, organized by the Faculty of Science and Engineering. The closing and prize giving ceremony of 'Tech Fest 2023' was graced by the presence of the Vice-Chancellor of International Islamic University Chittagong (IIUC), Professor Md. Anwarul Azim Arif, who also delivered a speech. The ceremony was presided over by Dr. Md. Shamimul Haque Chowdhury, Dean of the Faculty of Science and Engineering at IIUC. Additionally, it featured distinguished guests, including Professor Dr. Mohammed Moshikul Hoque, the Chair of IEEE Bangladesh Section, Professor Dr. Mohammad Shamsul Arefin, the Chair of IEEE Computer Society Bangladesh Chapter, and Mr. Abul Alam Ferdous, Additional Managing Director of United Commercial Bank. The event commenced with the recitation from the Holy Quran and the playing of the National Anthem of Bangladesh. The welcoming speech was delivered by Dr. Muhammed Jamshed Alam Patwary, Associate Professor, Dept. of CSE, IIUC and the Member Secretary of 'Tech Fest 2023'. The event was skillfully conducted by Dr. Muhammad Azizul Hoque, Sabrina Jahan Maisha, and ABM Yasir Arafat. Prizes were awarded to the top three male and female teams in each event during the closing ceremony of 'Tech Fest 2023'. One of the highlights of the prize distribution ceremony was the awarding of research medals to the teachers of the Faculty of Science and Engineering, IIUC.

Conclusion

In conclusion, 'Tech Fest 2023' represents a significant milestone in the journey of International Islamic University Chittagong (IIUC) to promote technological innovation and academic excellence. This five-day event, inaugurated with grandeur and attended by esteemed guests, showcases the university's commitment to providing a platform for students to explore, innovate, and excel in the field of science and engineering. With a diverse range of events, including competitions, presentations, and exhibitions, 'Tech Fest 2023' not only fosters academic growth but also encourages students to think creatively and contribute to the development of technology. It brings together talented individuals from IIUC and other universities in the Chittagong Division, fostering collaboration and competition that drives progress. As 'Tech Fest 2023' continues to unfold, it promises to be a memorable and enriching experience, shaping the minds of the future, and contributing to the growth and development of science and engineering in Bangladesh.



Physics-CSE-ICT based Industrial Revolutions

Dr. A K M Azharul Islam
Professor Emeritus

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1. IIUC TechFest 2023

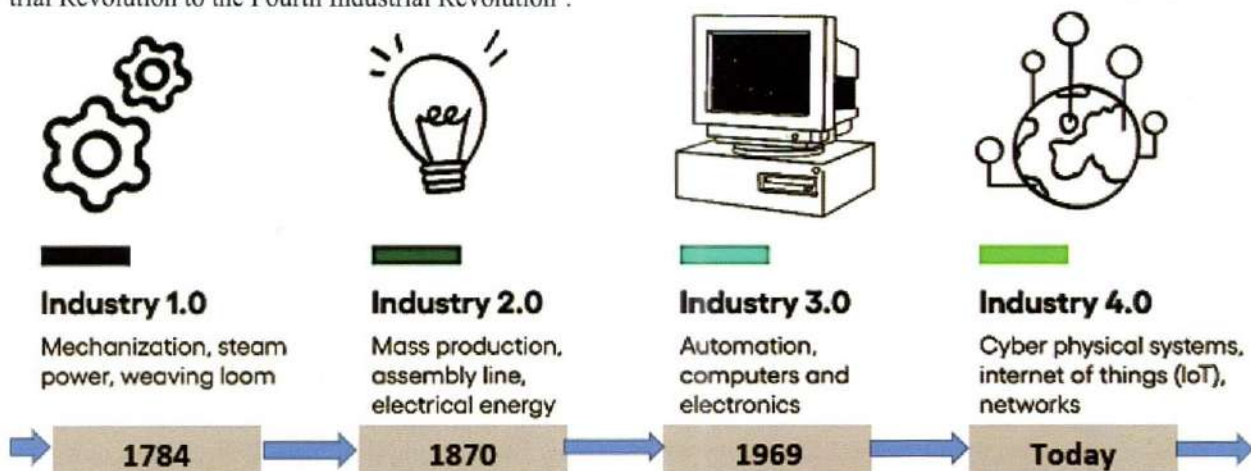
TechFest which explores digital revolution is almost a regular science and technology festival of International Islamic University Chittagong. The program includes events and workshops where visitors can find out about privacy in a digital age, what human-machine collaboration might mean for our jobs in the future. The theme for TechFest 2023 is about looking at how digital technology revolutionizes our homes and offices in the future to how our personal information is used on the internet. To commemorate the grand event, a Souvenir is going to be published on this occasion.

Physics is the most basic of sciences - its concepts and techniques underpin the progress of all other branches of science including Computer Science & Engineering, Information and Communication Engineering (ICT). Physicists are old hands at Entrepreneurship in the way that they played an important role in the first generation of technology-developing company startups, e.g. California's Silicon Valley etc. 128 after WW-II. Today, perhaps more than ever, Physicists are involved in startups either as founders or employees. So in the next few sections I will be talking about the ROLE OF PHYSICS to discovery, innovation towards Industrial Revolutions.



2. Industrial Revolution - From Industry 1.0 to Industry 4.0

Technological advancements affect how humans produce goods. The industrial revolution refers to the transition from primitive to advanced manufacturing technology. New manufacturing technologies fundamentally altered people's working conditions and lifestyles. What were the industrial revolutions, and where are we now? 'From the First Industrial Revolution to the Fourth Industrial Revolution'.



◆ First Industrial Revolution (IR1.0)

The First Industrial Revolution began in the 18th century through the use of steam power and mechanization of production. What was previously produced on simple spinning wheels achieved eight times the volume in the same time with the mechanized version. Steam power was already well understood. The application of it for industrial

purposes was the most significant breakthrough in increasing human productivity. Instead of using muscle to power weaving looms, steam engines could be used. Further massive changes were brought about by developments such as the steamship or (some 100 years later) the steam-powered locomotive, which allowed humans and goods to travel long distances in fewer hours.

◆ **Second Industrial Revolution (IR2.0)**

The Second Industrial Revolution began in the nineteenth century with the invention of electricity and assembly line manufacturing. Henry Ford (1863-1947) got the idea for mass production from a slaughterhouse in Chicago, where the pigs hung from conveyor belts and each butcher did only a portion of the butchering. Henry Ford applied these principles to automobile manufacturing, drastically altering it in the process. Previously, an entire automobile was assembled at a single station; now, vehicles are produced in partial steps on the conveyor belt, which is significantly faster and less expensive.

◆ **Third Industrial Revolution (IR3.0) (also known as Digital Revolution)**

The Third Industrial Revolution began in the 1970s in the 20th century with partial automation using memory-programmable controls and computers. Since the introduction of these technologies, we have been able to automate an entire production process - without the need for human intervention. Robots that perform pre-programmed sequences without human intervention are well-known examples of this.

◆ **Fourth Industrial Revolution (IR4.0)**

The Fourth Industrial Revolution is currently underway. This is also known as 'Industry 4.0' and is characterized by the application of information and communication technologies to industry. It builds on the Third Industrial Revolution's developments. Production systems that already have computer technology are enhanced with a network connection and, in a sense, have a digital twin on the Internet. These enable communication with other facilities as well as the output of data about themselves. This is the next step in the automation of production. All systems networking leads to "cyber-physical production systems" and thus smart factories, in which production systems, components, and people communicate via a network and production is nearly autonomous.

Industry 4.0, in short, is revolutionary for all industrial settings. The production process will change as a result of the digitalization of manufacturing, including how goods are produced, distributed, and serviced. Because of this, it can legitimately claim to mark the start of the fourth industrial revolution.

3. Role of Physics-CSE-ICT Innovation towards Industrial Revolutions

The importance of physics in modern technology can be recognized because it enables mobile devices, computers, televisions, watches, and many other modern technologies to operate in an automated manner. Physics plays an essential role in many technologies like communication, medicine, space exploration, and many others. The various physical theories have contributed to the invention and advancement of these technologies.

The modern world has witnessed incredible technological advancement at a breakneck pace. Only the laws of physics have made this possible. Without this science, it would be impossible to use facilities like television, transportation networks, and communication devices. Trains and other vehicles can now travel at speeds of 20 to 100 miles per hour (MAGLEV trains can reach speeds of 300 miles per hour), thanks in large part to the advancement of this science. Human prosperity has increased due to the development of logistics, which has made it possible to quickly transport food to far-off locations.

In most cases of medical technology or its development, physics principles are crucial. The X-ray, which is used for diagnosing, drug discovery, anti-aging, and many other medical applications, is one example of a quantum physics-based medical technology. Furthermore, modern homes almost all have computers and other communication devices, which are examples of medical technology advancements based on physical laws. Professionals now use these technologies everywhere to monitor and diagnose patients.

3.1 ICT Revolution from a Physics Perspective

Physics lies at the heart of engineering, science, and technology. From the invention of the light bulb to the design of a revolutionary new spacecraft, physics plays a vital role in modern technologies. In the field of information and

communication technology, or ICT, human have made significant progress. It took more than a century and numerous scientific endeavors to bring about this revolution; it was not a matter of one or two decades. This was the result of our increased comprehension of natural laws, or more specifically, 'Laws of Physics'. Physics can reveal the countless hidden secrets that nature contains. The revolution started when this important subject poked the ICT industry. So here we look at the ICT revolution from a physics perspective.

❖ Early Physics Breakthroughs

- The battery, which reliably stored electrical energy and allowed the current to be used in a controlled environment, was created by Italian physicist Alessandro Volta in 1800.
- Danish physicist H. C. Oersted used an electric current to deflect a magnetic needle in 1820 to show how electricity and magnetism are related. The possibilities were made possible by these two discoveries. In order to create some sort of communication system, scientists and inventors all over the world started experimenting with batteries and electromagnetism's basic principles.
- The revolution was about to start. The electrical telegraph system created by Samuel Morse, Joseph Henry, and Alfred Vail after a decade of these discoveries revolutionized long-distance communication.
- In Physics 'Maxwell's Equations' are the equations of light, the mathematical relationships that showed us how to electrify our world and transmit energy and information through the air. In 1865, J. C. Maxwell unified the work of C. F. Gauss, Michael Faraday and André-Marie Ampère in classical electromagnetism and showed that light is an electromagnetic wave that can propagate through free space. This started the whole new era of physics. H. Hertz's

People began conducting electromagnetism experiments all over the world to test his theory renowned 'Hertz Experiment' was the first to be successful. At the end of 1895, G. Marconi succeeded in transmitting electromagnetic signals for a distance of about 2.4 km, which led to the creation of radio.

3.2 How is Physics Related to Society and Technology?

The first significant influence that physics exerted in terms of technological development led to the introduction of the steam engine, which subsequently ushered the age of industrialization. The steam engine worked on the laws of thermodynamics and greatly improved the efficiency of engines for starters. The applications of thermodynamics have subsequently also been used in later inventions like refrigerators, blowers, vehicles, etc. Here are some of the ways physics has left its impression on society through technological advancements.

✧ Energy Sector

The contributions that physicists like Faraday, Tesla, and Edison had on the commercialization of electricity is undoubtedly exceptional. They kick-started what is today called the age of globalization. The use of fossil fuels like petrol, diesel, coal changed everything from how the food was produced to how people travelled from one place to another. The influence was so prolific that it is difficult today to name an industry that wasn't influenced for the better, through these developments. Dams, solar panels, wind farms, nuclear reactors - the energy of the future is overwhelmingly dominated and influenced by the physics of today.

✧ IT Sector

The IT industry has been spearheaded by the extensive proliferation of computers in our daily lives, thus giving rise to the modern MNCs as we know them today. While the computer may not have been developed exclusively on the foundation of physics, the subsequent infrastructure, including the once ancillary but now vital data processing and network speeds, have been largely contributions of physics. For starters, John Bardeen was instrumental in the development of transistors and the theory of superconductivity, factors that led to the development of the early computer. The use of lasers was pioneered by C.H. Townes, which is now used from microsurgery to the most commonly used computer mouse. Even the use of optical fibres is based on the principle of total internal reflection of light. Optical fibres ensure better connectivity speeds and minimal data loss, thereby ensuring faster processing speeds and better reception of signals.

✧ Medical and Healthcare Sector

In the medical and health sector, physics has been especially essential in radiology. W.K. Roentgen discovered X-rays, which is today the most popular, conclusive, and inexpensive method of determining fractures in the body. Ultrasonography works on the principle of reflection of ultrasonic waves and forms an essential part of both the medical as

well as the defence industry. Another singular influence has been the use of nuclear medicine to cure diseases. Nuclear medicine today includes therapies that use radioactive elements to treat hyperthyroidism and certain types of lymphoma.

Medical Imaging and Diagnostics (including image guided therapies) is a highly innovative Physics - not limited to products but also includes services and cycle of more innovation. Biomedical engineering is an interdisciplinary field of advanced knowledge of engineering and science to solve medical and healthcare related problems.

❖ Communications Sector

We refer here both the telecom and television industry, which has connected the world digitally, as well as the commercial vehicular industry like airlines which has made physical travel between places extremely easy. Telephones and televisions operate on the principle of electromagnetic waves. The generation of electromagnetic waves was first shown by the German physicist Heinrich Rudolf Hertz. Aeroplanes, on the other hand, at the fundamental level, operate on Bernoulli's principle.

3.3 Information Technology

○ Semiconductor Devices

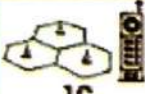
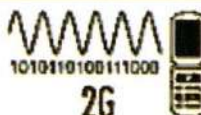











In 20th century, people started to unify all ideas coming from different aspects. However, one area of study that received attention was semiconductor devices. The development of entire digital electronics using semiconductors also made it possible to build numerous integrated circuits (ICs) and microprocessors. This started a brand-new era of electronics. The creation of the computer was this era's first revolutionary achievement. Four sections have been created by intellectuals to help us understand the development of digital computing.

- Greatest inventions of the 20th century- The Electronic Digital Computer, the Transistor, the Laser and even the World Wide Web (WWW) were all invented by physicists. These inventions make up the foundation of modern technology.
- The first electronic digital computer was in the basement of the Physics Dept at Iowa State University in 1939 by Prof. J. Atanasoff theoretical Physics, University of Wisconsin), and his physics graduate student C. Berry.

○ Mobile phone

The mobile phone is the second-most popular electronic device. Mobile devices have transformed the ICT industry and are now ingrained in our culture. Mobile devices are like wizards because they put everything at our fingertips. The way a cell phone works is by first converting human voice to an electrical signal, which is then sent over radio waves to the closest cell tower. The receiving phone then transforms the radio waves back into audible sound. On April 3, year 1973, a senior engineer at Motorola Martin Cooper placed the first mobile phone call ever. The phone Cooper

EVOLUTION OF GENERATIONS OF INTERNET: 1G TO 5G. Image used courtesy of Fizza et al

| 1G | 2G | 3G | 4G | 5G |
|---|---|---|---|---|
|  |  |  |  | |
| speed in kilobit per second 2.4 Kbps | speed in kilobit per second 64 Kbps | speed in kilobit per second 2,000 Kbps | speed in kilobit per second 100,000 Kbps | speed in kilobit per second 1Gbps |
|  |  |  |  |  |
| Analog Voice | Digital Voice + Simple Data | Mobile Broadband | Faster and Better | Real World Applications |
|  |  |  |  | |
| | | | Richer Content (Video) More Connections | |

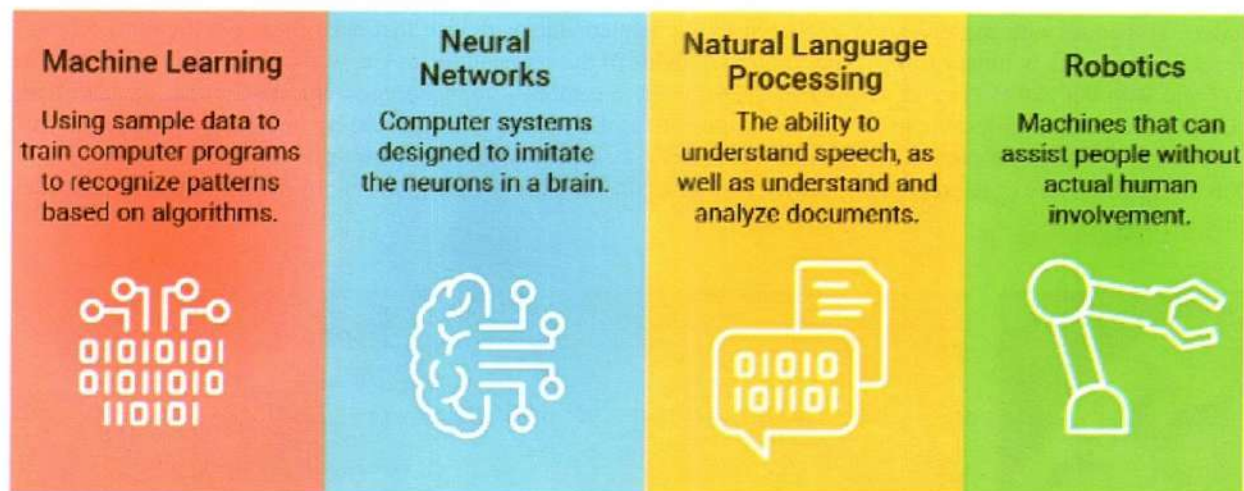
used, weighed 1.1 kg and it took around 10 hours to get charged! A big change occurred when Apple founder Steve Jobs launched an iPhone which includes the digital music player, camera (2MP!) and internet-enabled device.

What will replace smartphones in 5 years? What's next after it? In Silicon Valley the Search is on for the Next Big Tech Platform. Read story from The Economist (April 15, 2022). In the future, instead of relying on handheld devices like smartphones, we might utilize AR (augmented reality) glasses or VR (virtual reality) headsets to access information, communicate, and navigate the digital world. These technologies offer a more immersive and hands-free experience, potentially making smartphones obsolete.

○ AI - Artificial Intelligence

Artificial intelligence (AI) is the intelligence of machines or software, as opposed to the intelligence of humans or animals. It is also the field of study in computer science that develops and studies intelligent machines. It may also refer to the machines themselves. Today's giant companies like Google, Amazon, Facebook, and Alibaba use AI technology to reach the greatest number of people with the least amount of human assistance. AI has a wide range of uses in robotics, the military, medical diagnosis, and remote sensing. Artificial neurons, a mathematical model of biological neurons, are used in AI to simulate human intelligence. Warren S. McCulloch and Walter Pitts developed a ground-breaking concept in 1943. They were the first to suggest the Artificial Neuron (AN), a mathematical representation of a biological neuron. After ten years, the 'Ferranti mark 1' computer successfully tested this model, and the code created for this purpose became the first AI program.

This encouraged many programmers and computer scientists. Around 1980s, Artificial Neuron turned into Artificial Neural Network (ANN). ANN was able to handle much more complex tasks that a single AN cannot handle. Continuous research and development led to improvement in this model. Consequently in 1999, Sony introduced AIBO, the first domestic robot. Currently, we have well developed ANN model, powerful supercomputers and many data centers. With this tremendous computational power, many tech giant companies are trying to mimic human brain, the most complex thing known in universe! (e.g. Google Brain). Google is the world leading company in the field of AI.



This inspired lots of computer scientists and programmers. Artificial Neuron evolved into Artificial Neural Network (ANN) in the 1980s. Tasks that a single AN cannot handle were handled much more adeptly by ANN. This model has been improved through ongoing research and development. As a result, Sony unveiled AIBO, the first domestic robot, in 1999. Many tech giant companies are attempting to mimic the human brain, the most complex thing known to exist, using this enormous computational power (for example, Google Brain). In the field of AI, Google is the most successful company worldwide.

○ Exciting application of AI is in Agriculture

Crops and soil can be monitored by AI technology. It will spray pesticide if it discovers any undesirable plants or insects. This will greatly reduce waiting time and boost output. The potential applications of AI are limitless.

☒ Quantized Future Right from its Inception

○ Quantized Future Right from its Inception

The development of quantum theory involved many scientists, with Max Planck, Niels Bohr, Werner Heisenberg, Albert Einstein, Erwin Schrödinger, and Paul Dirac among the most prominent. Quantum mechanics has a wide range of applications, and in the field of ICT in particular, this major task, known as 'Quantum computing', has been delegated to quantum mechanics. It is anticipated that quantum computers will be able to perform computations exponentially more quickly than traditional computers. Qubits are the equivalent of the classical bits (0 and 1) used by quantum computers. Qubits are devices that manipulate data using quantum mechanical phenomena like superposition and entanglement.

Qubit superposition can be manipulated by quantum programmers to solve problems that classical computing is inefficient at solving. But what can we do as enthusiasts? Well for that, the tech giant company IBM has started the project named 'IBM Q Experience', which is cloud based platform where people can learn, do research, and interact with a real quantum computer housed in an IBM Research lab. Cryptography, artificial intelligence, and quantum communication all benefit from quantum computing. The following concept might seem like science fiction, but researchers are actually working on it.

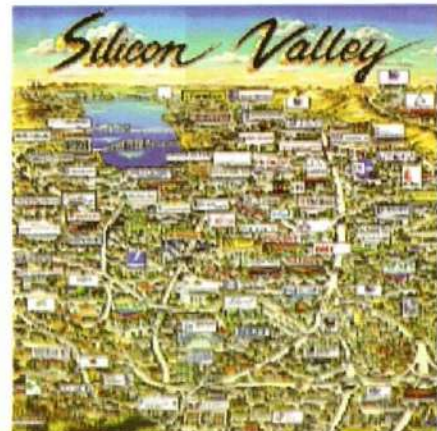
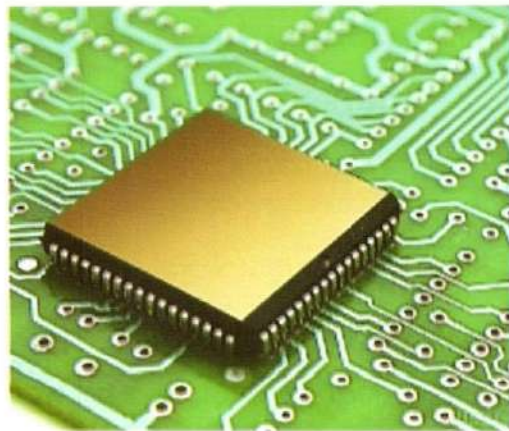
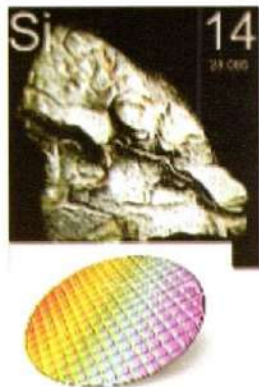
Quantum teleportation is the name of this revolutionary concept. Since we will be able to teleport both objects and, in theory, humans as well, this could alter the meaning of communication. Scientists have successfully teleported the minute light particles known as photons from Tenerife to La Palma in the Canary Islands, a distance of 143 kilometers, as a first step. Although it will take some time, eventually we will be able to teleport large objects or people.

The 2023 Nobel Prize in Chemistry has been awarded to Moungi G. Bawendi, Louis E. Brus and Alexei I. Ekimov for the discovery and synthesis of quantum dots. Quantum dots are semiconductor nanocrystals whose properties can be tuned by their physical size.

4. Some Details about how Physics led to Application Technology

Contributions of Physics to the Information Age

Modern IT begins with the invention of Transistor (a semiconductor device that acts as an electrical switch and encodes information in binary form). First Transistor, made of the semiconductor Ge, was constructed at Bell Lab. in 1947 and won the Nobel Prize in Physics in 1956 for the inventors – John Bardeen, Walter Brattain, and William Shockly. Next major milestone in IT was the co-invention of IC (Integrated Circuit) by Jack Kilby of Texas Instruments in 1958 and Robert Noyce of Fairchild Semiconductor in 1959. Kilby was awarded Nobel Prize in Physics in 2000 for the discovery of IC; regrettably Noyce died in 1990. Thus the contributions of physics to the information age is huge.



○ Semiconductor Chip is an essential enabling technology for many tools, gadgets and devices

Hallmark of modern life that provided inexpensive, fast computing power for e-devices ranging from children's toys, digital wristwatches, household appliances, mobile phones, and automobiles to complex medical and industrial sensors and Communication Satellites.

○ Modern Day Electronics and Digital Technology

Electrons play an essential role in numerous physical phenomena, such as electricity, magnetism, chemistry and thermal conductivity. These also participate in gravitational, electromagnetic and weak interactions. Since an electron has charge, it has a surrounding electric field, and if that electron is moving relative to an observer, the observer will observe it to generate a magnetic field. Electromagnetic fields produced from other sources will affect the motion of an electron according to the Lorentz force law. Electrons radiate or absorb energy in the form of photons when they are accelerated.

The exchange or sharing of the electrons between two or more atoms is the main cause of chemical bonding of a material. If an electron collides with a positron (antiparticle of electron with positive charge), both the particles can be annihilated to give gamma ray photons.

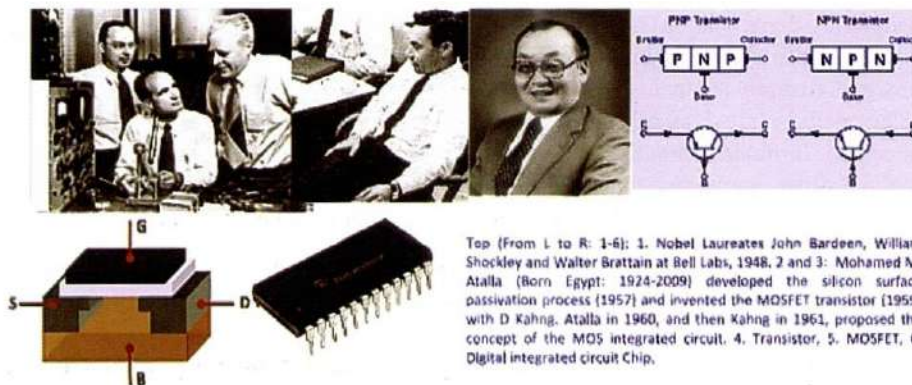
The identification of the electron in 1897, along with the invention of the vacuum tube, which could amplify and rectify small electrical signals, inaugurated the field of electronics and the electron age. Electrons are involved in many applications such as electronics, welding, cathode ray tubes, electron microscopes, radiation therapy, lasers, gaseous ionization detectors and particle accelerators.

Electronics is widely used in information processing, telecommunication, and signal processing. The ability of electronic devices to act as switches makes processing of digital information possible. Interconnection technologies such as circuit boards, electronics packaging technology, and other varied forms of communication infrastructure complete circuit functionality and transform the mixed electronic components into a regular working system, called an electronic system; examples are computers or control systems. An electronic system may be a component of another engineered system or a standalone device. As of 2019 most electronic devices use semiconductor components to perform electron control.

Commonly, electronic devices contain circuitry consisting primarily or exclusively of active semiconductors supplemented with passive elements; such a circuit is described as an electronic circuit. Electronics deals with electrical circuits that involve active electrical components such as vacuum tubes, transistors, diodes, integrated circuits, optoelectronics, and sensors, associated passive electrical components, and interconnection technologies. The nonlinear behaviour of active components and their ability to control electron flows makes amplification of weak signals possible.

Electrical and electromechanical science and technology deals with the generation, distribution, switching, storage, and conversion of electrical energy to and from other energy forms (using wires, motors, generators, batteries, switches, relays, transformers, resistors, and other passive components). This distinction started around 1906 with the invention by Lee De Forest of the triode, which made electrical amplification of weak radio signals and audio signals possible with a non-mechanical device.

Solid-state electronics: It emerged after the first working transistor was invented by William Shockley, Walter Houser Brattain and John Bardeen at Bell Labs in 1947. The MOSFET (MOS transistor) was later invented by Mohamed Atalla and Dawon Kahng at Bell Labs in 1959. The MOSFET was the first truly compact transistor that could be miniaturised and mass-produced for a wide range of uses, revolutionizing the electronics industry, and playing a central role in the microelectronics revolution and Digital Revolution. The MOSFET has since become the basic element in most modern electronic equipment, and is the most widely used electronic device in the world.



Top (From L to R: 1-6): 1. Nobel Laureates John Bardeen, William Shockley and Walter Brattain at Bell Labs, 1948. 2 and 3: Mohamed M. Atalla (Born Egypt: 1924-2009) developed the silicon surface passivation process (1957) and invented the MOSFET transistor (1959) with D Kahng. Atalla in 1960, and then Kahng in 1961, proposed the concept of the MOS integrated circuit. 4. Transistor, 5. MOSFET, 6. Digital integrated circuit Chip.

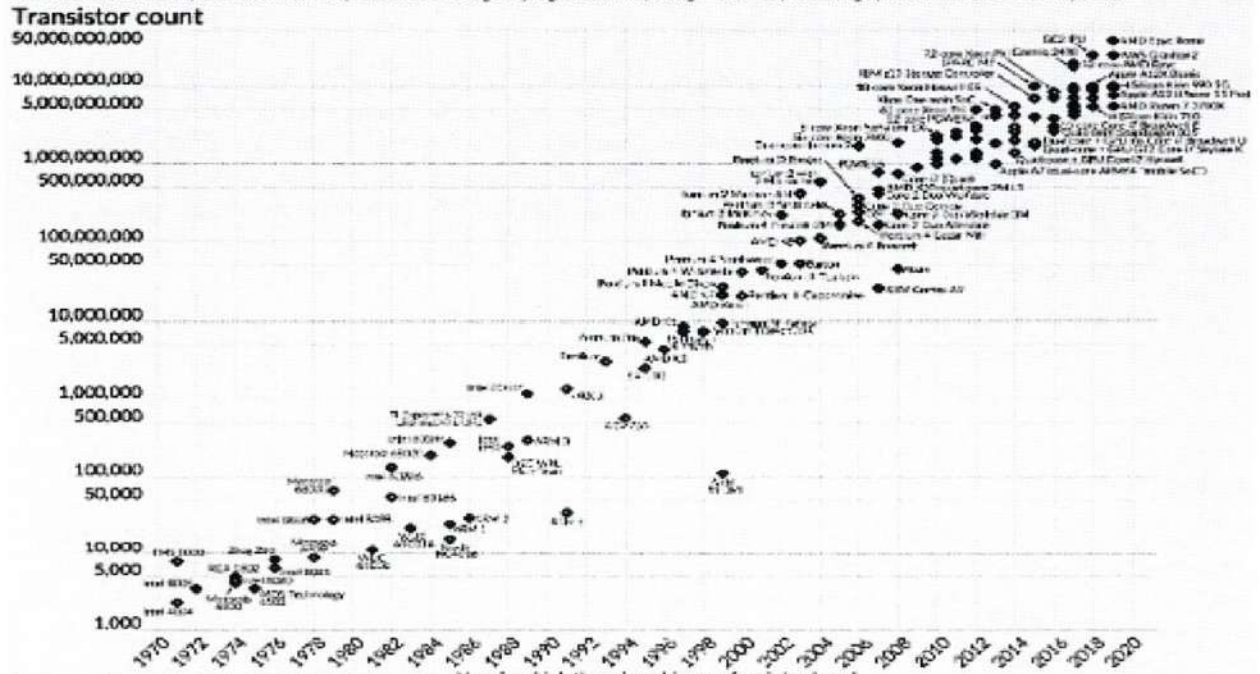
Integrated circuit (IC), also called microelectronic circuit, microchip, or chip, an assembly of electronic components, and resistors) and their interconnections are built up on a thin substrate of semiconductor material (typically silicon fabricated as a single unit, in which miniaturized active devices (e.g., transistors and diodes) and passive devices (e.g., capacitors). The resulting circuit is thus a small monolithic 'chip', which may be as small as a few square cm or only a few square mm. The individual circuit components are generally microscopic in size.

Microprocessors are the most-complicated ICs. They are composed of billions of transistors that have been configured as thousands of individual digital circuits, each of which performs some specific logic function. A microprocessor is built entirely of these logic circuits synchronized to each other. Micro-processors typically contain the central processing unit (CPU) of a computer.

Moore's law is the observation made in 1965 that the number of transistors in a dense integrated circuit doubles about

Moore's Law: The number of transistors on microchips doubles every two years Our World in Data

Moore's law describes the empirical regularity that the number of transistors on integrated circuits doubles approximately every two years. This advancement is important for other aspects of technological progress in computing – such as processing speed or the price of computers.



every two years. The observation is named after Gordon Moore, the co-founder of Fairchild Semiconductor and was the CEO of Intel. Moore predicted that this trend would continue for the foreseeable future.

The evolution of Global Information Storage Capacity (1996-2007) is shown in the figure along with table of forecast of demand and supply (2009-2020):

Digitization (less commonly digitalization) is the process of converting information into a digital (i.e. computer-readable) format, in which the information is organized into bits. The result is the representation of an object, image, sound, document or signal (usually an analog signal) by generating a series of numbers that describe a discrete set of points or samples. The result is called digital representation or, more specifically, a digital image, for the object, and digital form, for the signal. In modern practice, the digitized data is in the form of binary numbers, which facilitate computer processing and other operations, but, strictly speaking, digitizing simply means the conversion of analog source material into a numerical format; the decimal or any other number system that can be used instead.

ICT is a broad subject and the concepts are evolving. It covers any product that will store, retrieve, manipulate, transmit, or receive information electronically in a digital form (e.g., personal computers, digital television, email, or robots).

The digital revolution is the shift from mechanical and analogue electronic technology to digital electronics which

The digital revolution is the shift from mechanical and analogue electronic technology to digital electronics which began anywhere from the late 1950s to the late 1970s with the adoption and proliferation of digital computers and digital record keeping that continues to the present day. Implicitly, the term also refers to the sweeping changes brought about by digital computing and communication technology during (and after) the latter half of the 20th century. Analogous to the Agricultural Revolution and Industrial Revolution, the Digital Revolution marked the beginning of the Information Age.

Central to this revolution is the mass production and widespread use of digital logic, MOSFETs (MOS transistors), and integrated circuit (IC) chips, and their derived technologies, including computers, microprocessors, digital cellular phones, and the Internet. These technological innovations have transformed traditional production and business techniques.

○ Birth of WWW - Global Information Superhighway

The birth of WWW was at CERN (Conseil Européen pour la Recherche Nucléaire, or European Council for Nuclear Research). Founded in 1954, CERN Laboratory is at the Franco-Swiss border near Geneva. It was one of Europe's first joint ventures and now has 22 member states. It is one of the world's largest and most respected centres for scientific research. Its business is fundamental physics, finding out what the Universe is made of and how it works. At CERN, the world's largest and most complex scientific instruments are used to study the basic constituents of matter — the fundamental particles. Physicists learn about the laws of Nature by studying what happens when these particles collide.

In the 1980s, the thousands of physicists at CERN Particle Physics Lab (Geneva) needed a better way to exchange information with their colleagues working in different universities and institutes all over the world. Tim Berners-Lee, a graduate from Oxford University with first class Honors in Physics, invented the WWW at CERN in 1990 to meet this demand.

Between 1990 and 1993, the Web was mostly used by scientists to collaborate their research. In 1993 it began to spread to the rest of the world. In 2013, there are ~ 672 m websites and 2.7 b internet users. In 2020, there are 4.6 b internet users.



Between 1990 and 1993, the Web was mostly used by scientists to collaborate their research. In 1993 it began to spread to the rest of the world. Now there are billions of websites and users. Much of the e-commerce is done over the WWW. Over a trillion Dollars' worth of commerce takes place over the Internet every year! What began as a better way for physicists to manage information and communicate - the WWW is now a vast 'Global Information Superhighway'.

An early WWW system was released in 1991 to the high energy physics community via the CERN program library. It included the simple browser, web server software and a library, implementing the essential functions for developers to build their own software. A wide range of universities and research laboratories started to use it. A little later it was made generally available via the Internet, especially to the community of people working on hypertext systems.

○ Trillion Dollar Commerce with WWW

In the 1980s, thousands of physicists at CERN Particle Physics Lab Geneva needed a better way to exchange information with their colleagues working in different universities and institutes all over the world.

There are about 1.13 billion websites on the internet in 2023. While there are 1.13 billion websites in the world, only a fraction of these are actively used and updated. A staggering 82% are inactive, meaning only 200,121,724 of the 1.13

billion websites are actively maintained and visited.

○ The Internet of Things (IoT)

IoT refers to the billions of physical devices around the world that are now connected to the internet, all collecting and sharing data. Thanks to the arrival of super-cheap computer chips and the ubiquity of wireless networks, it's possible to turn anything, from something as small as a pill to something as big as an aeroplane, into a part of the IoT. Connecting up all these different objects and adding sensors to them adds a level of digital intelligence to devices that would be otherwise dumb, enabling them to communicate real-time data without involving a human being. The Internet of Things is making the fabric of the world around us smarter and more responsive, merging the digital and physical universes.

A lightbulb that can be switched on using a smartphone app is an IoT device, as is a motion sensor or a smart thermostat in your office or a connected streetlight. An IoT device could be as fluffy as a child's toy or as serious as a driverless truck. Some larger objects may themselves be filled with many smaller IoT components, such as a jet engine that's now filled with thousands of sensors collecting and transmitting data back to make sure it is operating efficiently. At an even bigger scale, smart cities projects are filling entire regions with sensors to help us understand and control the environment.



The economic impact of the digital revolution has been wide-ranging. Without the World Wide Web (WWW), for example, globalization and outsourcing would not be nearly as feasible as they are today. The digital revolution radically changed the way individuals and companies interact. Small regional companies were suddenly given access to much larger markets. Concepts such as on-demand software services and manufacturing and rapidly dropping technology costs made possible innovations in all aspects of industry and everyday life.

But digital revolution is taking away intellectual labour from people. The ability of people to perform simple problem solving and decisions making is rapidly losing its value. Computers equipped with sophisticated algorithms are lot more effective, lot more reliable and lot cheaper for controlling processes, making decisions and solving problems repetitively. Humans will be pushed away from all the mundane daily tasks like accounting, management, tracking, driving, scheduling, following, etc. It will all eventually be done by computers (A. Gnum).

5. E-commerce Worldwide - Statistics and Facts

Over the last few years, e-commerce has become an indispensable part of global retail. Like many other industries, buying and selling goods has undergone a substantial transformation following the advent of the internet, and thanks to the ongoing digitalization of modern life, consumers all over the world now profit from the perks of online transactions. As global internet access and adoption rapidly increase, with over five billion internet users worldwide, the number of people making purchases online is ever-increasing. In 2022, retail e-commerce sales were estimated to exceed 5.7 trillion U.S. dollars worldwide, and this figure is expected to reach new heights in the coming years. Published by Koen van Gelder, Sep 26, 2023

○ Faster Chips, Higher Productivity, More Data at Our Fingertips

Contribution of Physics, Computer and Engineering

Disk-drive costs have plummeted from \$ 20,000 per gigabyte in 1988. Overall, the drop in the average price per gigabyte was from \$0.114 in 2009 to just \$0.014 as of November 2022. That's a difference of \$0.100 (one thin dime) over the period. That equates to an 87.4% decrease in the average cost per terabyte since 2009.

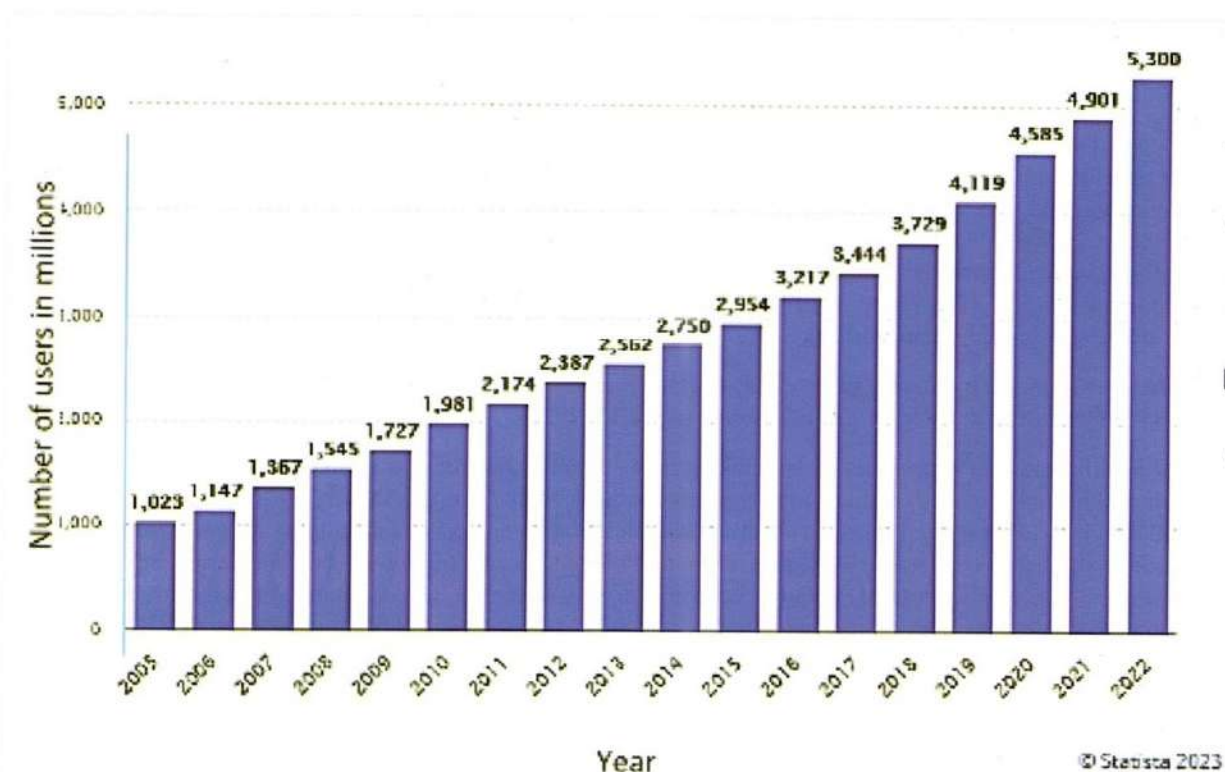
- ◆ Nanotechnology breakthroughs such as 'colossal magneto-resistance' promise to increase data storage.
- ◆ Further SandT research in magnetic materials, thin films, and electronics keeps pushing data-storage limits.
- ◆ Worldwide PC, Tablet and Mobile Phone Total Shipments reached nearly 2.4 b units in 2013 (source: Gartner).

○ Quiet Revolution in World Internet Usage and Population Statistics

Internet offers practically no barriers to global trade and so on. 'A quiet revolution is underway, led by the world's most rapidly developing economies – with the least to spend and the most to gain' – Jonathan Schwartz.

- ◆ Higher productivity with falling cost of technology is leading to a world of plenty.
- ◆ 90% of the world's companies even in 2013 while using open source software witnessed that barriers to global trade have never been lower, nor has communication ever been simpler.
- ◆ Driving political reform, cultural transparency, social progress and a tidal wave of wealth creation – all driven by the internet but actually more than that – driven by an endorsement of technology freedom – without royalties or risk or patent litigation.

The graph below shows the number of internet users in millions. The table also shows the world internet usage and population statistics.



| WORLD INTERNET USAGE AND POPULATION STATISTICS 2023 Year Estimates | | | | | | |
|---|------------------------|---------------------------|-----------------------------|---------------------------|------------------|------------------|
| World Regions | Population (2022 Est.) | Population % of the World | Internet Users 31 Dec, 2021 | Penetration Rate (% Pop.) | Growth 2000-2023 | Internet World % |
| Africa | 1,394,588,547 | 17.6% | 601,940,784 | 43.2% | 13,233% | 11.2% |
| Asia | 4,352,169,960 | 54.9% | 2,916,890,209 | 67.0% | 2,452% | 54.2% |
| Europe | 837,472,045 | 10.6% | 747,214,734 | 89.2% | 611% | 13.9% |
| Latin America / Carib. | 664,099,841 | 8.4% | 534,526,057 | 80.5% | 2,858% | 9.9% |
| North America | 372,555,585 | 4.7% | 347,916,694 | 93.4% | 222% | 6.5% |
| Middle East | 268,302,801 | 3.4% | 206,760,743 | 77.1% | 6,194% | 3.8% |
| Oceania / Australia | 43,602,955 | 0.5% | 30,549,185 | 70.1% | 301% | 0.6% |
| World Total | 7,932,791,734 | 100.0% | 5,385,798,406 | 67.9% | 1,392% | 100.0% |

6. Conclusion

The electron, proton and neutron, i.e. building blocks of matter were born during creation of the universe. But these fundamental particles were discovered billions of years after they were born. Allah created all things from atoms (consisting of e, p, n) and molecules, each of which is subordinate to and subject to certain characteristic laws in terms of its properties - the characteristics is predetermined (prefixed) as Taqdir. The life and living entities are dependent on natural law, and the overall management of the heavens and the earth is based on a provision which are also based on the same thing.

The role played by Physics, CSE and ICT in various stages of Industrial Revolution have been briefly highlighted in this Educational article. The various stages are, for example, Steam engine, hydropower and mechanization (IR1.0), Mass production, Assembly line and Electricity (IR2.0), Automation, Information and Communication Technologies (IR3.0) and Internet of Things, the Cloud, Digital coordination, Cyber-physical systems and Robotics (IR4.0).

In recent times we are witnessing a wide ranging economic impact of the digital revolution (IR3.0). This is due to the mass production and widespread use of digital logic, MOSFETs and integrated circuit (IC) chips, and their derived technologies, including computers, microprocessors, digital cellular phones, and the Internet. These technological innovations have transformed traditional production and business techniques. Further without WWW, globalization and outsourcing would not have been feasible as they are today. The digital revolution in this age is radically changing the way individuals and companies interact.

One is already asking the question – What’s next after the Smartphone? In Silicon Valley the Search is on for the Next Big Tech Platform. Read story from The Economist (April 15, 2022).

Artificial intelligence (AI) is the basis for mimicking human intelligence processes through the creation and application of algorithms built into a dynamic computing environment. Stated simply, AI is trying to make computers think and act like humans. This field of science concerned with building computers and machines that can reason, learn, and act in such a way that would normally require human intelligence or that involves data whose scale exceeds what humans can analyze. Applications of AI can be seen in everyday scenarios such as financial services fraud detection, retail purchase predictions, and online customer support interactions. Thus the fruits of IR3.0 and IR4.0 are being harnessed by the world particularly by the advanced countries.

Acknowledgements

Various sources from which many of the materials, texts and pictures utilized in the present educational article are gratefully acknowledged. Particular mention may be made of:

1. Wikipedia, the free encyclopedia, and the refs therein.
2. Phys-ICT-revolution.
3. <https://www.vedantu.com/physics/physics-technology-and-society>
4. Essay by Alex Wood
5. A K M A Islam, IIUC Tech Fest Souvenir 2020.



Divisional Science Olympiad at IIUC (2013-2023)

By
Prof. Dr. Md. Delawer Hossain
Coordinator DSO-IIUC

Introduction

Divisional Science Olympiad Competition offers students from schools and colleges of Bangladesh a platform to measure and showcase their ability and determination in the disciplines of basic sciences. The competition aids students in evaluating their scientific temperament, intellectual capacity and ability to think on their own, as they take on increasingly challenging problem.

"Olympiad" is a term refers to an international competition in academic or intellectual field. Various Olympiads are organized in Bangladesh each year, covering subjects such as mathematics, chemistry, physics, biology, ICT, Bangla, Astronomy and Astrophysics, etc.

Science Olympiad is the academic competition where students compete in various disciplines of science. The first Science Olympiad was held on November 23, 1974 at St. Andrews Presbyterian College in Laurinburg, North Carolina. It was a day-long competition for high school students in the areas of biology, chemistry, and physics. Nowadays, Olympiads are becoming popular in Bangladesh to promote and encourage students to explore their interests in various fields.

In the past, science was the stream taken by students with better academic grades. This is no longer true in Bangladesh. Science education is losing its appeal and popularity. As the highest authority for scientists across all fields in the country, the Bangladesh Academy of Sciences (BAS) is deeply concerned about the current situation and has been acting to reverse it.

In order to improve teaching and learning, BAS sponsored a workshop on science education in 2006 at Dhaka University, bringing together instructors from schools and colleges. In the workshop important questions to tackle to remedy the situation were: (a). how can students be motivated to study science?(b).how can science equipment be made using locally available resources. This work shop was organized again on 9-10 October, 2009.

Initiation of the Science Olympiad



Image 1: Prof. Dr. Kala Meah, Dept. ECE, York College, Pennsylvania, USA is addressing the students as representative from BAS-DSO-2023 at IIUC center.

Following the example set by developed nations, the first Science Olympiad in Bangladesh was organized by BAS and First Security Islami Bank Limited (FSIBL) in 2010, and the dates had been set with the hopes of attracting students and institutions on a regular basis. Divisional and National rounds comprise that Science Olympiad. On the second Friday of January, BAS Divisional Science Olympiads (DSO) are held in various centers. Winners of the top 10% DSO-participants are allowed to join to the BAS National Science Olympiad (NSO), which takes place in Dhaka on the fourth Friday of January.

First, the National, BAS, FSIBL and IIUC flags are hoisted to start Science Olympiad activities in the morning, which are then followed by an examination on interesting science problems. Following that, the student's are provided lunch, and then they congregate for an open session with academicians to quench their desire for knowledge (ideally from a

Fellow of the Bangladesh Academy of Sciences; see Table 1). The prize distribution ceremony and the announcement of the participants who have qualified for NSO in Dhaka will mark the conclusion of the Olympiad events.

Table -1: List of Representatives of Bangladesh Academy of Sciences for DSO at IIUC.

| SL | Date | Representative of BAS-DSO at IIUC Centre | |
|---|------------|--|---|
| | | Name | Designation |
| 1 | 11.01.2013 | Prof. Dr. A.K.M. Azharul Islam | Fellow, BAS and Ex-VC-IIUC. |
| 2 | 14.03.2014 | Prof. Dr. A.K.M. Azharul Islam | Fellow, BAS and Ex-VC-IIUC. |
| 3 | 09.01.2015 | Prof. Dr. A.K.M. Azharul Islam | Fellow, BAS and Ex-VC-IIUC. |
| 4 | 08.01.2016 | Prof. Dr. A.K.M. Azharul Islam | Fellow, BAS and Ex-VC-IIUC. |
| 5 | 13.01.2017 | Prof. Dr. A.K.M. Azharul Islam | Fellow, BAS and Ex-VC-IIUC. |
| 6 | 12.01.2018 | Prof. Dr. A.K.M. Azharul Islam | Fellow, BAS and Ex-VC-IIUC. |
| 7 | 05.02.2019 | Prof. Dr. A.K.M. Azharul Islam | Fellow, BAS and Ex-VC-IIUC. |
| 8 | 10.01.2020 | Prof. Dr. A.K.M. Azharul Islam | Fellow, BAS and Ex-VC-IIUC. |
| *Divisional Science Olympiad could not be organized in 2021 due to COVID -19 worldwide pandemic | | | |
| 9 | 21.01.2022 | Prof. Dr. Shahadat Hussain. | Dept. CSE, Chattogram University, Bangladesh. |
| 10 | 13.01.2023 | Prof. Dr. Kala Meah, | Dept. ECE, York College, Pennsylvania, USA. |

Students who qualified (top 10%) for the NSO receive a Certificate of Achievements and the top five receive medals. The Center-Coordinator issues a Certificate of Participation to all participants. Examples of the program schedules for Divisional and National Science Olympiads are shown in Tables - 2 and 3 respectively.

Schedules of Divisional and National Science Olympiad

Ref: Working paper for the 13th BAS-FSIBL National Science Olympiad 2023 joint Organizing Committee Meeting (online) held on Sunday, 11 December 2022 at 3:00 pm.

Table-2: Program of the 13th BAS-FSIBL Divisional Science Olympiad 2023 Friday, 13 January 2023

| Schedule for DSO program at IIUC with Bus - time | |
|--|---|
| Place | International Islamic University Chittagong, Kumira , Shitakundo |
| 07.00 | Reporting at Bus -Terminals at Chawkbazar, Agrabad, Mirreshari and Bodderhat |
| 07.30 | Bus departure from bus terminal |
| 08.00 | Breakfast distribution |
| 08:30 | Attendance at Kumira Campus |
| 08:30-09:00 | Registration, refreshments and T-shirt distribution |
| 09:00-09:30 | Inauguration with flag hoisting (National Flag + BAS Flag + FSIBL Flag + Centre Flag), national anthem, release of pigeons, festoons and balloons |
| 09:30-10:00 | Participants take their seats in the examination hall |
| 10:00-11:30 | Examination |
| 11:30-1:45 | Prayer & Lunch |
| 1:45- 2:15 | Video - show and Questions -Answers |
| 2:15-3:00 | Discussions open to all present and lectures by guests, scientists, invited speakers |
| 3:00- 3:45 | Prize Distribution, Photo session and Closing Ceremony |
| 3.45 | Board the bus to the city |
| 3:50 | Leaving IIUC -Campus |
| Script evaluation | |
| 12:00-3:00 | Script evaluation by examiners |

Table -3: Program of the 13th BAS -FSIBL National Science Olympiad 2023 Saturday, 11 February 2023, Curzon Hall Campus, University of Dhaka

| Schedule for NSO program at DU | |
|--------------------------------|--|
| Place | Curzon Hall, University of Dhaka |
| 8:00-9:00 | Participants will arrive (Registration and Refreshment) |
| 9:00-9:30 | Inauguration with flag hoisting (National Flag+BAS Flag+FSIBL Flag), national anthem and release of pigeons, festoons and balloons |
| 9:30 -10:00 | Participants will take seat in the examination hall |
| 10:00 -11:30 | Examination |
| 11:30 -3:00 | <ul style="list-style-type: none"> • Prayer & Lunch • Discussions open to all present and lectures by guests, scientists, invited speakers • Script evaluation by examiners • Lectures by invited famous persons • Speech by Prof Dr. M Shamsher Ali: Olympiad Speaker • Speech by Convener, Organizing Committee, 13th BAS-FSIBL Science Olympiad 2023 |
| 3:00 -4:30 | Prize Distribution Ceremony |

Sponsors of Science Olympiad

The National Science Olympiad has earned its reputation as a highly motivating and rigorous aptitude testing platform with a special and exclusive focus on Mathematics, Physics, Chemistry, Biology and Mental Ability.

The Olympiad offers students to compete with one another and diversify their knowledge. BAS and FSIBL with the cooperation of Ministry of Science and Technology have been organizing the NSO since 2010.

Historical accounts reveal that under British rule, the subcontinent had only a few centers where scientific research and development were carried out. The Government of India proclaimed the National Institute of Sciences of India the nation's scientific society in 1945, after it had been founded in 1935.

In 1953, the Pakistan Academy of Sciences was founded following the subcontinent's division. This institution had thirty fellows during 1971, twelve of whom were from Bangladesh (formerly East Pakistan). The Bangladesh Academy of Sciences (BAS) was established in 1973 by Bangladeshi fellows with the purpose of doing scientific research and advancing science and technology inside the nation following its liberation. It serves as the academic forum for scientists and technologists of the country. The renowned scientist Dr. Muhammad Qudrat-i-Khuda served as the Academy's first president from 1973 to 1976.

Divisional Science Olympiad events are being held in several centers of the country by BAS and FSIBL. Since 2013, the International Islamic University Chittagong (IIUC) has served as the division's hub. It could not be organized during 2021 due to the COVID pandemic. Typically, the head of the institute recommends that the top five students from each high school (IX and X) and each college (XI and XII) be permitted to participate. The BAS-FSIBL Divisional Science Olympiad program is currently held annually in 29 centers across Bangladesh, according to the same timetable shown in Tables 2 and 3.



Image 2 : Prof. Anwarul Azim, Honorable Vice Chancellor, IIUC addressing the audience at DSO-2022 at IIUC Center



Image 3 : Professor Dr. M. Delawar Hussain and Treasurer of IIUC inspecting the examination hall of IIUC Science Olympiad - 2023

The responsibilities of DSO-IIUC sub-committees

The DSO competition been being held at IIUC since 2013 with the full cooperation from the Faculty of Science and Engineering. With the approval of the Honorable Vice Chancellor of the IIUC, there is an organizational committee and subcommittees comprising FSE teachers and other teachers as needed, every year. The responsibilities of DSO-IIUC sub-committees are described in Table 4. Ref. Proceeding of the 1st Organizing Committee of DSO-IIUC sub-committees are described in Table 4.

Table 4: Responsibilities of DSO- IIUC Sub-committees.

| Sl. | Sub-Committee | Functions |
|-----|-------------------------------|---|
| 1. | Registration | Invite different institutes and communicate with them; Prepare the invitation letter & registration form; Process the registration form and prepare list of institutions, Information booth on contest date at IIUC . |
| 2 | Transport | Arrange transport on contest date, (14 Bus & 2 Micro/Car) as per schedule.) |
| 3 | Food | Lunch & Refreshment for participant, Lunch & Refreshment for Guest, Organizer & Volunteers |
| 4 | Exam. & Evaluation | Question Printing, Seating arrangement for participants, Duty Roster for Invigilators, Script checking & Preparing result and ranking, Making Certificates |
| 5 | Web | Prepare a website |
| 6 | Press & Publicity | Invite media (print & electronic), and proper publicity |
| 7 | Decoration | Decorate PC & Auditorium; Cleaning PC; Flag (National, IIUC, BAS, FSIBL) with Stand Banner, Festoon, Flower, Sound System |
| 8 | Video show & Cultural Program | Select CD for Video show, available from BAS / buy ; Arrange Projector; Arrange Cultural Program. Sound System |
| 9 | KIT design | KIT – T shirt & Scarf purchase & distributions |
| 10 | Program | Prepare the program schedule; Conduct the Inaugural & Closing session |
| 11 | Reception & Invitation | Prepare Invitation card & distribute among guests (BoT, Syndicate Member, Dean, Chairman, BAS), Reception of Guests |
| 12 | Discipline & Hygiene | To maintain over all Discipline and distribution of volunteer's duty. |
| 13 | Budget | Prepare the budget, DSO-IIUC-2022.” |

Ref. Proceeding of the 1st Organizing Committee of DSO-2022-IIUC held on December 6, 2021 at 12.30 PM in the conference room of FSE.

Data and Graphs

Table-5: Data for the participants of DSO (2013-2023) at IIUC is shown in the Table-below.

| DSO (2013-2023) | Number of participants | | | No of Institutions | | | Scores | | | |
|-----------------|------------------------|------|-------|--------------------|---------|-------|--------|-----|---------|-----|
| | Total | Boys | Girls | School | College | Total | School | | College | |
| | | | | | | | Top | *BM | Top | *BM |
| 2013 | 316 | 197 | 119 | 33 | 14 | 47 | 45 | 36 | 41 | 35 |
| 2014 | 364 | 222 | 142 | 34 | 20 | 54 | 68.5 | 34 | 64 | 20 |
| 2015 | 211 | 152 | 59 | 30 | 20 | 50 | 61 | 30 | 65.5 | 21 |
| 2016 | 411 | 140 | 271 | 29 | 23 | 52 | 64 | 30 | 58 | 21 |
| 2017 | 366 | 202 | 164 | 49 | 22 | 71 | 78.5 | 39 | 42 | 25 |
| 2018 | 416 | 206 | 210 | 58 | 27 | 85 | 64 | 30 | 54 | 30 |
| 2019 | 429 | 226 | 203 | 44 | 31 | 75 | 55 | 27 | 56 | 27 |
| 2020 | 577 | 314 | 263 | 63 | 41 | 104 | 73 | 32 | 47 | 27 |
| 2022 | 526 | 237 | 289 | 86 | 41 | 127 | 68 | 40 | 81 | 29 |
| 2023 | 550 | 245 | 305 | 76 | 31 | 107 | 83.5 | 41 | 66.5 | 30 |

*BM= Benchmarks is the minimum score obtained by at least 50% participants

Fig:1- Number of participants of Boys and Girls since 2013

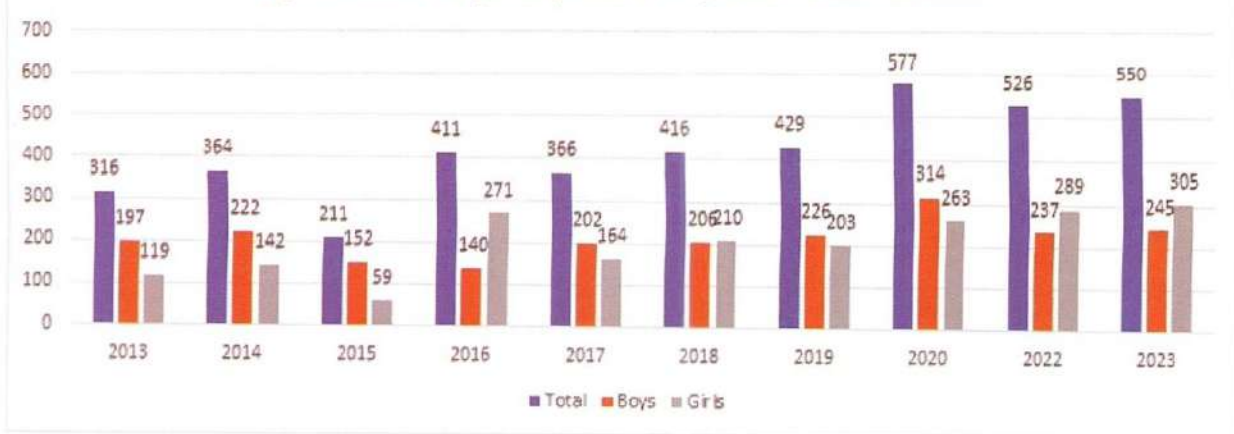


Table-6: List of the students of Top scores and Benchmarks (BM) in each year from Schools and Colleges, DSO-IIUC, Since 2013.

| SSC, Schools | | | | |
|--|-------------------------------|--------|-----|--|
| Date | Name of the Candidate | Scores | | Name of the Institute |
| | | Top | *BM | |
| 11.01.2013 | Kandkar Sakib Shariar | 45 | 36 | CUET School and College |
| 14.03.2014 | Mohammad Tahmidul Alam | 68.5 | 34 | Chittagong Govt. High School |
| 09.01.2015 | Asif Ahmed | 61 | 30 | Nasirabad Govt. High School |
| 08.01.2016 | Md. Razwan Rabbi Ananda | 64 | 30 | BN School & College Chittagong |
| 13.01.2017 | Md. Isa Bin Maksud Mehan, | 78.5 | 39 | BN School & College Chittagong |
| 12.01.2018 | Mohd.Isa Bin Maksud Mehan | 64 | 30 | B.N. School & College Chittagong |
| 05.02.2019 | Pushpita Paul | 55 | 27 | Dr. Khastagir Govt. Girls High School (DS) |
| 10.01.2020 | Abdullah Al Mayeen | 73 | 32 | BAF Shaheen College |
| 21.01.2022 | Sjoy Kanti Dey | 68 | 40 | Chattogram Collegiate School, Ctg |
| 13.01.2023 | Ahmed Anonay Adib | 83.5 | 41 | Chattogram Cantonment Public College |
| HSC, College | | | | |
| 11.01.2013 | Suvo Mohazan | 41 | 35 | CUET School and College |
| 14.03.2014 | Mohammed Abid Abrar | 64 | 20 | Chittagong college |
| 09.01.2015 | Prasun Datta | 65.5 | 21 | Chittagong College |
| 08.01.2016 | Prasan Datta | 58 | 21 | Chittagong Government College |
| 13.01.2017 | Humaira Abedin Anusheh | 42 | 25 | Chittagong College |
| 12.01.2018 | Muhammad Waleed | 54 | 30 | Darul Uloom Alia Madrasah |
| 05.02.2019 | Jannatul Naima | 56 | 27 | Ctg. Govt. Women College |
| 10.01.2020 | Jannatul Mawa Tajkia | 47 | 27 | Cambrian College, Chattogram |
| 21.01.2022 | Siddhartha Hrishit Chakraboty | 81 | 29 | Chittagong College |
| 13.01.2023 | Showmmo Das | 66.5 | 30 | Chattogram Cantonment Public College, |
| *BM= Benchmarks is the minimum score obtained by at least 50% participants | | | | |

Fig:2. Divisional Science Olympiad at IIUC. Top Score and Benchmarks of the participants, since 2013.

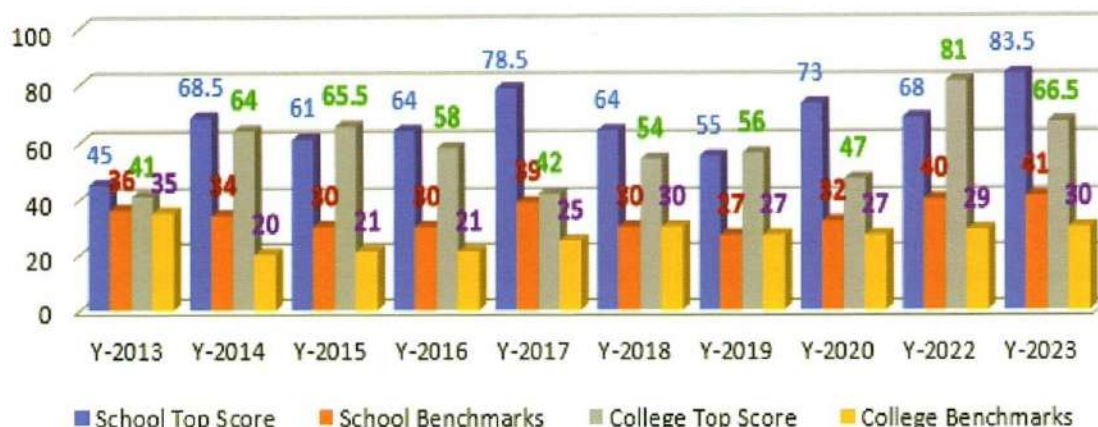


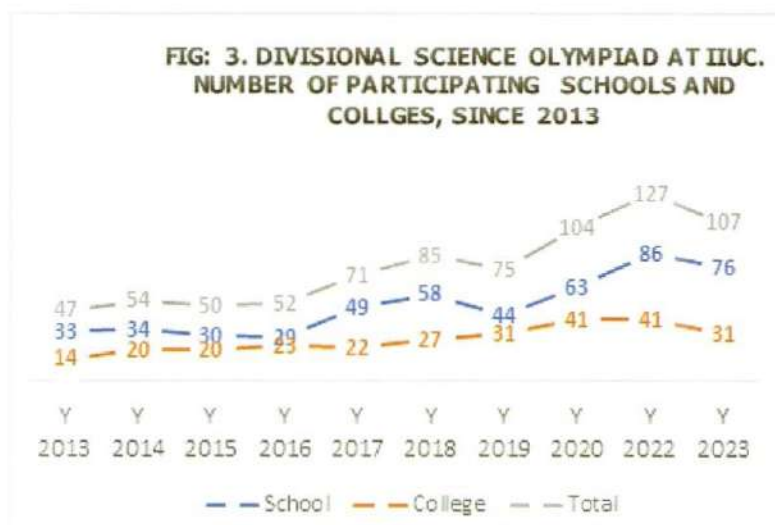
Image 4 : Photo session of top contestants with Prof. Dr. A.K.M. Azharul Islam, Fellow, BAS and Ex-VC-IIUC and guests of honor at BAS-DSO-2019 at IIUC Centre

Data Analysis

From the 2013-2023 data given in the tables 5 and 6 as well as from the graphs shown in figures 1,2 and 3, following observations can be made clearly from the DSO organized at IIUC:

- i. Across both genders, the number of students participating in the Olympiad has increased steadily over the years with girls now taking part more in recent times. The ratio of Boys and Girls has increased from 3:2 to 5:6 i.e., number of girls participant has been greater than boys since 2022 (Fig:1).

- ii. Number of participants increased with the number of institutions with a ratio from 316:47 to 550:107(Table-5).
- iii. Total number of participating schools and colleges also increased linearly from 47 to 107 (Fig.3).
- iv. Most of the students who are doing well in the Olympiad were schooled in urban environments. A similar cohort of students schooled in rural areas is not able to secure top positions in the competition. In the top position, the majority are boys(Table-6).
- v. Marks obtained by the SSC students of top position have doubled increasing from 45 to 83.5. However, the benchmarks of the participants are very low (~37), which indicates that on an average the quality of SSC Science Students is not improving. Similar observation is true for HSC students, where benchmark is ~25.5 (Figure-2 and Table-6).



The DSO plays an immense role in the development of the analytical thinking capabilities of the students. It aims to make students aspirants to engage in academic activities on the level-playing platform. It enhances the competitive mindset of the students and prepares them to benefit from the opportunities that are yet to come in their life.

Questions and answer sessions

During open questions and answer sessions, students are encouraged to study science for the development of the country. It has been found that participants from rural institutions are very much active in question-and-answer sessions of which majority are usually girls.

In the present times when the world is pivoted towards science and technology, it is pertinent to think and plan about the future - a future in which the children of the present time shall be the leaders of tomorrow. Regular qualitative and quantitative assessments need to be done at the national level in order to build up the scientific talent pool and preparing the next generation of innovators. This competition has contributed significantly to the accomplishment of these assessments. It is in this sphere that the role of BAS- FSIBL is valued.

Top-performing students of respective DSO receive medals and prizes, which can lead to additional personal, academ

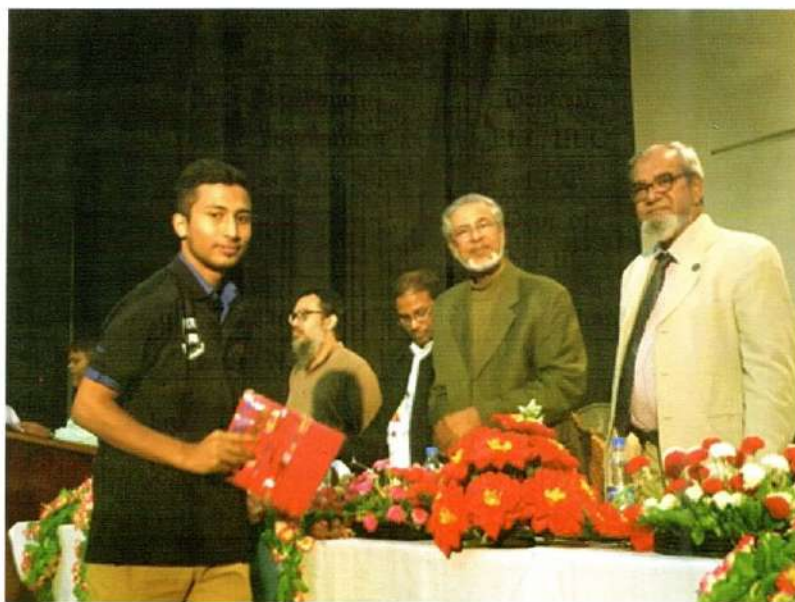


Image 5 : Prof. Dr. A.K.M. Azharul Islam, Ex-Vice-Chancellor of IIUC, BAS-Fellow and representative of DSO-IIUC (2019) is giving prize to the participants.

ic, and career benefits such as scholarships, research internships, and access to other competitions. Additionally, participating in the DSO can lead to a greater appreciation for sciences and its underlying principles.

Conclusion

Examining the results of Divisional Science Olympiad (IIUC) Competition among urban and rural students, it can be seen that students from urban educational institutions are doing better than their rural counterparts. The main reason for this is likely that rural institutions typically lack access to the same resources and facilities as urban institute. Urban institutes provide typically offer more extra-curricular activities, well-stocked libraries, labs, sports facilities, and classrooms. Keeping all these practical issues in consideration, it can be said that in the current era of globalization, academic quality improvement is necessary for empower students of rural schools and colleges to do better in order to meet the demands of the society and country.

The success of DSO at IIUC since 2020 has unquestionably been due to the sincere support of the IIUC authority, all of the members of the DSO-IIUC Center's organizing committee and subcommittees, all teachers, students, volunteers, and staff of FSE, as well as the divisions of TMD, LMD, ACFD, P&DD, LID, ITD, and other divisions (Alhamdulillah). During the programs, their memorable and professional efforts were recognized. Such efforts included registration, food and kit distributions, transport management, decoration and video show, discipline and distribution volunteers' duty, invitation and reception of guests, answer scripts evaluation, quick announcement of results, making certificates and distribution, arrangements inaugural and closing sessions in time, press and publication, etc. Parents and teachers representatives of school and college students also deserve to be thanked for their physical presence and support at the Olympiad venue for their keen interest in participating in the Olympiad. I hope in future, all of you will offer more support.

Organizing Divisional Science Olympiad is not only a great opportunity to stimulate the youth of our society in the pursuit of knowledge and skills but also allow them to be freed from many kinds of social vices and criminal tendencies like obscenity, drug addiction, mobile phone addiction etc. Overall, the popularity of Olympiads in Bangladesh is a commitment to create a culture of learning and excellence of the students. May Allah give us the best of tawfiq to make the Divisional Science Olympiad at IIUC successful and beneficial for this generation and generations to come.



Image 6 : Photo session of top contestants with Prof. Dr. A.K.M. Azharul Islam, Fellow, BAS and Ex-VC-IIUC and guests of honor at BAS-DSO-2020 at IIUC Centre



Image 7: Professor Dr. Dalawer Hossain, Coordinator, DSO, IIUC is seen with the guests present at Science Olympiad Held in 2023.



Image 8: Science Olympiad participants line up in front of the IIUC Central library to collect their kits.

Divisional Science Olympiad 2022

List of Winners (Top 10%) College Level



Siddhartha Hrishit Chakraborty
Chittagong College



Md. Shafitul Hasan Ovi
Chittagong College



Anuparash Barua
Chittagong College



Md. Mhamudul Hasan Shihab
Chattogram Cant. Public College



Ramisa Subah
Hazi Mohammad Mohsin College



Al Sahriar Mahmud Shiam
Chattogram Cant. Public College



Than Than Thay
Chattogram Cant. Public College



S.K Shantunu
Chattogram Cant. Public College

List of Winners (Top 10%) School Level



Sjoy Kanti Dey
Chattogram Collegiate School



Jerin Tasnim Kanta
Halishahar Cant. Pub. School & College



Sabiha Ulfat
Dr. Khastagir govt. girls high School



Samiya Ahmed Chowdhury
Dr. Khastagir govt. girls high School



Najha Itmam
Halishahar Cant. Public School & College



M. Fardin Islam
Bangladesh Bank Colony High School



Rubayet Hossain Rahim
Sitakund govt. Model high School



Eshmun Khan
Chattogram Collegiate School



Dewan Mohammad Siyam Islam
Nasirabad Govt. high School



Anirban Das Durjoy
Chattogram Collegiate School

Divisional Science Olympiad 2022

List of Winners (Top 10%) School Level



Ayrin Sultana Anisa
Fouzdarhat Public School & College



Supriya Deby Nishu
Sabuj Shikshayatan High School



Mohammad Mayen Uddin
Darul Ulum Kamil Madrasah



Abdullah Al Ahad
Chittagong Residential School & College



Saptarshi Dey
Aparna Charan City Corporation girls high
School & College



Moinul Islam
Tanzimul Ummah Madrasha



Farial Hasan Ali
Chittagong Residential School & College

Organizing Committee Divisional Science Olympiad 2022

Centre Coordinator

Prof. Dr. Md. Delawer Hossain, Director, IQAC, IIUC

Members

Prof. Dr. Mohammed Aktar Sayeed, Dean, FSE, IIUC
Prof. Dr. Md. Monirul Islam, CSE
Prof. Mohammed Shamsul Alam, CSE
Mr. Tanveer Ahsan, Chairman, CSE
Dr. Sikder Sunbeam Islam, Chairman, EEE
Engr. Md. Razu Ahmed, Chairman, CCE
Engr. Syed Zahidur Rashid Chairman, ETE
Mr. A.T.M Mostafa Kamal Chairman, Pharmacy
Prof. Dr Engr. M Abu Eusuf, Chairman, CE
Dr. A.N.M. Rezaul Karim Associate Professor, CSE
Mr. Mohammad Mahadi Hassan, Associate Professor, CSE
Engr. Md. Athar Uddin, Associate Professor, EEE
Dr. A.K.M Masum, Associate Professor, CSE
Dr. Shahidul Islam Khan, Associate. Professor, CSE
Dr. Md. Shamimul Haque Choudhury, Associate Professor, EEE
Engr. Abdul Gafur, Associate Professor, ETE
Mr. Mohammed Abu Sayeed, Associate Professor, Pharmacy
Dr. Yasir Arafat, Associate Professor, EEE
Dr. Engr. Mohammad Aman Ullah, Associate. Professor, CSE

Member Secretary

Engr. Sk. Md. Golam Mostafa, Associate Professor, EEE

Divisional Science Olympiad 2023

List of Winners (Top 10%) College Level



Showmo Das
Chattoqram Cantonment Public College



TasnimTasnuva Suha
Chittagong College



Atik Ullah
Darul Ulum Kamil Madrasah, Chawkbazar



Rafia Binte Alam
Chittagong College



Shah Md. Sadikul Islam
Chattoqram Cantonment Public College



Abdul Wahid Abid
Sitakunda Degree College, Sitakund



Abu Raihan
Bangladesh Noubahini College



Samiha Farha
Chittagong College

List of Winners (Top 10%) School Level



Ahmed Anonay Adib
Chattoqram Cantonment Public College



Mohammed Adnanul Islam
Port Authority High School



Sadia Nusrat Sathi
Baraiyahat Poura Bohumukhi
High School



Md. Yousuf Adnan
Barabkund High School & College
Chittagong



Abdullah Bin Mohammad
Sitakunda govt. Model high School



Aurthi Barua
Sitakunda Girls High School



Md. Nabid Ul Hasan
Nou-Bahini School and College



Humayra Jannat
Silver Bells Kindergarten Girls High School



Saimul Islam
Kumira Residential High School



Jerin Tasnim Kanta
Halishahar Cantonment Public College

Divisional Science Olympiad 2023

List of Winners (Top 10%) School Level



Sadia Binta Maksud Iva
Nou-Bahini School and College



Nowshin Sarmily Arshi
Bakalia Adarsha Girls High School



Ahmed Dedaat
Chattogram Cantonment Public College



Arundouti Das Gupta
Dr. Khastagir gov. Girls High School



Md. Nahiduzzaman
Nou-Bahini School and College



Raisa Fabiha Jannat
Chattogram Cantonment Public College



Mohammad Atiqur Rahman
Nasirabad gov. High School

Organizing Committee Divisional Science Olympiad 2023

Centre Coordinator

Prof. Dr. M. Delawer Hossain, Director, IQAC, IIUC

Members

Dr. Md. Shamimul Haque Choudhury Dean, FSE, IIUC

Prof. Dr. Md. Monirul Islam, CSE

Prof. Mohammed Shamsul Alam, CSE

Prof. Dr. Mohammed Aktar Sayeed, Pharmacy

Prof. Dr. Engr. AKM Masum, Chairman

Prof. Engr. Md. Razu Ahmed, Chairman, CCE

Prof. Dr. Engr. M. Abu Eusuf, Chairman, CE

Dr. Sikder Sunbeam Islam, Chairman, EEE

Engr. Syed Zahidur Rashid, Chairman, ETE

Mr. Kazi Ashfak Ahmed Chowdhury, Chairman, Pharmacy

Prof. Dr. A.N.M. Rezaul Karim, CSE

Mr. Mohammad Mahadi Hassan, Associate Professor., CSE

Mr. Tanveer Ahsan, Associate Professor, CSE

Dr. Shahidul Islam Khan, Associate Professor, CSE

Dr. Engr. Mohammad Aman Ullah, Associate Professor, CSE

Dr. Touhidul Alam, Associate Professor, CSE

Dr. Muhammad Moazzam Hossen, Associate Professor, CSE

Dr. Md. Jamshed Alam Patwary, Associate Professor, CSE

Mr. Md. Mahmudur Rahman, Associate Professor, CSE

Mr. Mohammad Manjur Alam, Associate Professor, CSE

Mr. Md. Mahiuddin, Associate Professor, CSE

Mrs. Zinia Sultana, Associate Professor, CSE

Engr. Md. Athar Uddin, Associate Professor, EEE

Dr. Yasir Arafat, Associate Professor, EEE

Engr. SK. Md. Golam Mostafa, Associate Professor, EEE

Engr. Md. Rashidul Islam, Associate Professor, EEE

Engr. Abdul Gafur, Associate Professor, ETE

Mr. Mohammed Abu Sayeed, Associate Professor, Pharmacy

Mr. Md. Masudur Rahman, Associate Professor, Pharmacy

Member Secretary

Mr. Mohammed Jashim Uddin, Associate Professor, ETE

Divisional Science Olympiad 2023

Divisional Science Olympiad 2022

Pictorial Presentation



Prof. Dr. Mohammad Humayun Kabir, Treasurer, IIUC addressing the participants of Science Olympiad 2023



Prof. Dr. Md. Delawer Hossain, Coordinator, DSO, IIUC addressing the participants of Science Olympiad 2023



Prof. Dr. Md. Shahadat Hossain, Professor, CSE, University of Chittagong addressing the participants of Science Olympiad 2022



Prof. Dr. Engr. Muhammad Abu Eusuf, Professor, Dept of Civil Engineering, IIUC addressing the participants of Science Olympiad 2022



Prof. Md. Anwarul Azim Arif, Hon'ble Vice-Chancellor of IIUC presenting medals to winners of Science Olympiad 2022



Prof. Md. Anwarul Azim Arif, Hon'ble Vice-Chancellor of IIUC presenting Science Olympiad T-Shirt to winners of Science

Divisional Science Olympiad 2023

Divisional Science Olympiad 2022

Pictorial Presentation



Photo session of Science Olympiad 2022 winners with guests including Prof. Md. Anwarul Azim Arif, Hon'ble Vice-Chancellor of IIUC



Prof. Dr. Kala Meah, Dept. ECE, York College, Pennsylvania, USA presenting medals to winners of Science Olympiad 2023



Prof. Dr. Kala Meah, Dept. ECE, York College, Pennsylvania, USA presenting Science Olympiad T-Shirt to winners of Science Olympiad 2023



Prof. Dr. Kala Meah, Dept. ECE, York College, Pennsylvania, USA presenting Science Olympiad T-Shirt to winners of Science Olympiad 2023



Photo session of Science Olympiad 2023 winners with guests including Prof. Dr. Kala Meah, Dept. ECE, York College, Pennsylvania, USA



Teachers, guests, contestants are seen in the IIUC central auditorium on the occasion of Science Olympiad



A Glorious Journey of Faculty of Science and Engineering, IIUC

By
Dr. Md. Shamimul Haque Choudhury
Dean, Faculty of Science & Engineering, IIUC

Historical Overview of IIUC

International Islamic University Chittagong (IIUC) stands as one of Bangladesh's distinguished private universities, enjoying government approval and accolades. The concept of establishing this esteemed institution owes its origin to the visionary initiative of the Islamic University Chittagong Trust (IUCT), the university's founding organization. In 1992, IUCT, operating under the auspices of its parent body, was established. By the divine grace of Allah (SWT), it received official approval from the Government on February 11, 1995, paving the way for the establishment of an institution of higher learning under the name Islamic University Chittagong, all within the same year. This remarkable accomplishment transformed the cherished aspirations of the people of Chittagong into a tangible reality. A significant milestone in IIUC's journey occurred in the year 2000 when it evolved from being known as Islamic University Chittagong (IUC) to International Islamic University Chittagong (IIUC). This transformation broadened the university's horizons, offering an extended platform for delivering its educational services to the larger global Muslim community (Ummah).

A Brief History of the Faculty of Science and Engineering

When the university was in its nascent stage, it commenced operations with only three departments. Among these initial three departments, the Computer Science and Engineering program (initially named Computer Science and Technology) marked the inception of engineering education. It began with a modest enrollment of just 16 students, accompanied by a limited number of faculty members and support staff. Over time, the demand for this engineering program surged, leading to the gradual expansion of the department.

Over the years, the IIUC has expanded its academic offerings and enhanced its infrastructure and facilities. This expansion aimed to accommodate a growing number of students and provide state-of-the-art laboratories and resources for research and practical training. In 1998, a pivotal moment arrived with the establishment of the Department of Computer and Communication Engineering, which joined the growing family of the Faculty of Modern Science. Until 2006, these two departments were the sole constituents of the faculty. In 2006, the Department of Electrical and Electronics Engineering was introduced, followed by the addition of the Department of Pharmacy in 2007.

The incorporation of the Department of Electrical and Electronic Engineering (2006) along with the Department of Pharmacy (2007) led to the Faculty of Modern Science becoming the largest faculty in the university. At the end of 2007, the Faculty of Modern Science was renamed to the Faculty of Science and Engineering.

In response to the escalating demand for engineering programs, the year 2010 marked another significant milestone as the Department of Electronics and Telecommunication Engineering embarked on its journey as a new addition to the Faculty of Science and Engineering. Simultaneously, the Department of Computer and Communication Engineering briefly suspended its admissions but resumed in the semester of spring 2019.

The Faculty continued to evolve, with the most recent inclusion being the Department of Civil Engineering in the spring of 2021. Presently, the faculty comprises six substantial departments. Notably, the departments of Computer Science and Engineering (CSE), Electrical and Electronics Engineering (EEE), Computer and Communication Engineering (CCE), and Pharmacy each offer both male and female sections, ensuring inclusivity. Fig. 1 provides a detailed overview of the commencement years for different departments within the Faculty of Science and Engineering.

Today, the Faculty of Science and Engineering has appeared as the largest among the six faculties at International Islamic University Chittagong, boasting a substantial student body, a team of qualified faculty members, and a dedicated support staffs. This remarkable growth underscores its significance within the university's academic landscape.

| | | | | | | |
|---------------------------|-----------|-----------|------------------------------------|-----------|-----------|-----------|
| | | | | | | PHAR |
| | | | | | PHAR | CE |
| | | | PHAR | PHAR | ETE | ETE |
| | | EEE | EEE | EEE | EEE | EEE |
| | CCE | CCE | CCE | ETE | CCE | CCE |
| CSE | CSE | CSE | CSE | CSE | CSE | CSE |
| 1995-1998 | 1998-2006 | 2006-2007 | 2007-2010 | 2010-2018 | 2019-2020 | 2020-2023 |
| Faculty of Modern Science | | | Faculty of Science and Engineering | | | |

Fig.1 Commencement years of Departments within the Faculty of Science and Engineering.

Academic Strengths

The Faculty of Science and Engineering at International Islamic University Chittagong (IIUC) has established itself as a hub of academic excellence, known for its distinguished faculty and strong commitment to teaching and research. With approximately 130 highly qualified faculty members, including 15 professors and 25 Ph.D. holders, the faculty's academic strength is a testament to its dedication to providing quality education and fostering research and innovation. The presence of 15 professors within the faculty demonstrates the depth of expertise and experience that students can benefit from. These professors are typically leading experts in their respective fields and play a pivotal role in shaping the academic and research environment at IIUC.

The faculty also boasts 25 faculty members who hold Ph.D. degrees. These individuals bring advanced knowledge and research skills to the classroom, enriching the learning experience for students. They are often at the forefront of research and innovation, contributing to the overall academic vibrancy of the institution. The faculty encompasses a wide range of academic disciplines within the fields of science and engineering. This diversity allows students to explore various fields and receive a holistic education. The faculty members at IIUC are not only focused on teaching but are actively engaged in research activities. Their commitment to research is a vital component of the university's academic strength. This culture of research helps students get involved in cutting-edge projects and gain hands-on experience, preparing them for careers in research and development. The faculty members at IIUC are not only focused on teaching but are actively engaged in research activities. Their commitment to research is a vital component of the university's academic strength. This culture of research helps students get involved in cutting-edge projects and gain hands-on experience, preparing them for careers in research and development. With such a highly qualified and research-oriented faculty, students have the opportunity to receive personalized mentorship. This mentorship is invaluable for students pursuing their academic and research interests, as faculty members can provide guidance and support in their respective fields. The faculty's commitment to research is reflected in the significant number of publications, patents, and research projects undertaken by its members. This not only enhances the university's reputation but also provides students with access to the latest advancements in their respective fields.

Alumni Success

The success of alumni from the Faculty of Science and Engineering at International Islamic University Chittagong (IIUC) is a testament to the quality of education and the skills they acquire during their time at the institution.

- i) **Industry Leader:** A number of alumni from the Faculty of Science and Engineering at IIUC have gone on to become industry leaders in various sectors. They hold prominent positions in technology companies, engineering firms, research organizations, or other industries related to their field of study.
- ii) **Entrepreneurs:** A huge number of alumni choose to start their own businesses or entrepreneurial ventures. The knowledge and skills acquired during their education at IIUC empowers students to innovate and create their own companies in areas such as technology, engineering, and research.
- iii) **Researchers and Academics:** A significant number of alumni pursue careers in research and academia. They became professors, researchers, or scholars at universities, research institutions, and think tanks, contributing to the advancement of knowledge in their respective fields. A huge number of alumni are continuing their education by pursuing postgraduate degrees (e.g., master's, Ph.D., Post-doc) in their chosen fields. Their undergraduate education

iv) Public Sector and Government Job holders: Many of our Alumni are working in the public sector, taking on roles in government agencies, ministries, and public research organizations. Their expertise is valuable in addressing societal challenges and implementing policies.

v) International Opportunities: Graduates from IIUC are exploring international opportunities, working for multinational corporations, participating in global research projects, or collaborating with organizations and institutions worldwide.

Advance Lab Facilities

The cutting-edge laboratory resources provided by the Faculty of Science and Engineering at International Islamic University Chittagong (IIUC) constitute a valuable and substantial advantage for the institution. These state-of-the-art labs provide students with invaluable hands-on experience and exposure to cutting-edge technology, making their education not only comprehensive but also practical. Here's an overview of the various advanced labs within the faculty

i) Computer Labs

We have a total of 26 computer labs, with most of them are full air-conditioned and equipped with the latest-generation computers. These labs are readily accessible to students for their educational needs. Specifically, among these 26 computer labs, 15 are allocated to the Department of Computer Science and Engineering, 3 to the Department of Electrical and Electronic Engineering, 3 to the Department of Computer and Communication Engineering, 2 to the Department of Electronics and Telecommunication Engineering, 1 to the Department of Civil Engineering, and 2 to the Department of Pharmacy.

ii) Some other potential labs under the Engineering Departments

We have nine electronics labs all are well-equipped with advanced and sufficient lab equipment, allowing students to explore and experiment with electronic components, circuits, and systems. These labs are vital for students studying electronics and electrical engineering. The presence of five physics labs and two chemistry labs provides students with the opportunity to conduct experiments and explore fundamental principles in these scientific disciplines. The three communication labs are designed for students in fields like telecommunications and communication engineering. They offer hands-on experience with communication equipment and technologies. With five microprocessor labs, students can delve into the world of microprocessors, microcontrollers, and embedded systems. These labs are instrumental for students studying computer engineering and related fields. We possess two advanced Machine labs featuring cutting-edge instrumentation within the Electrical and Electronic Engineering Department. Besides, the Department of Computer Science and Engineering boasts three fully-equipped labs dedicated to drives and instrumentation. The protection lab is designed for the students studying Electrical Engineering, where they can learn about power system protection and safety measures. Also, we have separate lab on Renewable Energy for the same students that focuses on renewable energy sources, such as solar and wind energy. It provides students with the tools to explore sustainable energy solutions and technologies. Besides, there is an advanced VLSI Lab under the department of Electrical and Electronic Engineering which is particularly important for students interested in very-large-scale integration (VLSI) and semiconductor engineering. It allows them to work with complex integrated circuits and design cutting-edge electronic components.

iii) Labs under the department of Civil Engineering

The Department of Civil Engineering embarked on its journey in the spring of 2021. Within a short span, it has established a suite of advanced laboratories that collectively equip students with the expertise and hands-on abilities required to excel in the realm of civil engineering, making substantial contributions to the creation of secure and sustainable infrastructure. This lab is crucial for studying the properties of materials used in construction. There is an Engineering Materials Lab, which helps in selecting appropriate materials to ensure the longevity and safety of structures. A Fluid Mechanics Lab, which aids in analyzing fluid flow in civil engineering applications. There is a Solid Mechanics Lab, which is essential for analyzing and designing structures. This lab is instrumental in understanding the behavior of materials under various loads and conditions. Also, there is an Open Channel Flow Lab, which is the behavior of materials under various loads and conditions. Also, there is an Open Channel Flow Lab, which is essential for hydraulic engineering, including the design of canals, rivers, and storm-water systems. The Department of Civil Engineering also has a Transportation Engineering Lab, which is significant for the planning and designing of transportation networks, including roads, highways, and railways. It aids in traffic analysis and safety studies. With a grow

ing focus on environmental sustainability, The Environmental Engineering lab under this department plays a vital role in analyzing and mitigating the environmental impact of civil engineering projects, such as wastewater treatment and pollution control. Accurate surveying is essential for proper land development and construction. Surveying lab provides the skills and tools needed to carry out precise measurements. Geotechnical engineering is vital for understanding the behavior of soil and rock in construction. The Geotechnical Engineering Lab (under development) likely focuses on specific aspects, such as soil testing or foundation design. Besides, there is a Drawing Lab to develop drawing and design skills for creating blueprints and plans and a Computer Lab which equips students with software tools for creating, analyzing, and simulating civil engineering projects. There is a big workshop consisting of carpentry, iron and welding shop under the Department of Civil Engineering, which helps enhance students' knowledge and practical skills.

iv) Labs under the department of Pharmacy

The Department of Pharmacy currently has ten well-equipped laboratories, each providing students with valuable hands-on learning opportunities. In accordance with the guidelines set forth by the Pharmacy Council, six of these laboratories have been expanded to exceed an area of 600 square feet. The laboratories within this department are as follows.

1. Inorganic and Physical Pharmacy Laboratory
2. Pharmacognosy and Phytochemistry Laboratory
3. Organic Pharmacy and Medicinal Chemistry Laboratory
4. Pharmaceutical Analysis Laboratory
5. Physiology and Pharmacology Laboratory
6. Pharmaceutical Microbiology Laboratory
7. Pharmaceutical Technology and Cosmetology Laboratory
8. Biopharmaceutics and Pharmacokinetics Laboratory
9. Advanced Pharmaceutical Research Lab
10. Computer Lab

Increasing Student Intake of FSE

The student intake for various semesters in the Faculty of Science and Engineering are shown in the Fig. 2. The consistent increase in student intake in the Faculty of Science and Engineering reflects a growing demand for education and careers in these disciplines. Several factors contribute to this rising interest in science and engineering fields. Students are drawn to our faculty for a variety of compelling reasons. These factors include the assurance of secure transportation facilities, allowing them to commute safely. We also take pride in our improved laboratory resources, which provide students with state-of-the-art equipment and a conducive learning environment. Our commitment to maintaining a green and sustainable campus further resonates with those who value environmental responsibility. Moreover, our academic strength is amplified by a team of qualified and experienced faculty members who are dedicated to providing top-notch education. The promise of excellent job opportunities upon graduation is another alluring aspect of our institution. Additionally, we prioritize inclusivity by offering separate teaching facilities designed to cater to the unique needs of female students, fostering an environment of equity and comfort.

International Conference

ICISSET-2016

The 1st International Conference on Innovations in Science, Engineering and Technology (ICISSET-2016) was organized by Faculty of Science and Engineering, IIUC in association with CRP at International Islamic University Chittagong (IIUC) campus during October 28-29, 2016.

The conference has brought together scientists, engineers and researchers from universities to share their ideas and research results about the aspects of Computer Science, Electrical, Electronics and Communication Engineering, Pharmacy and discuss the practical challenges being encountered and the solutions adopted. This conference provides

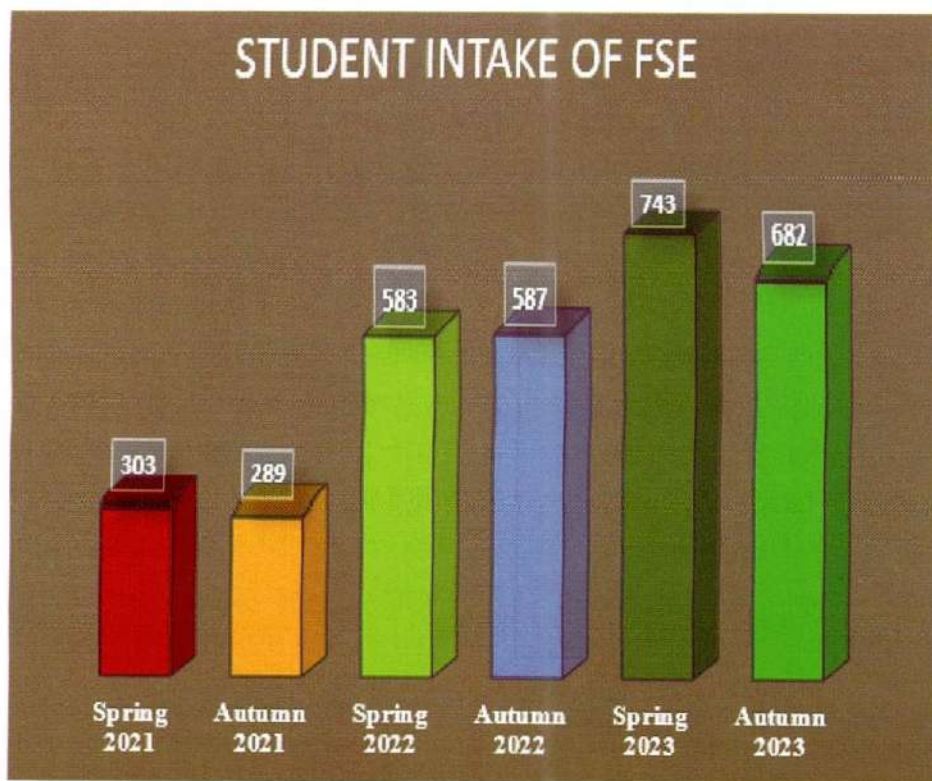


Fig. 2 Student intake for the faculty of Science and Engineering for the last 6 semesters.

a forum to exchange experiences and promote new trends in the field of Science and Engineering. Dr. Jamilur Reza Chowdhury as the chief guest, Prof. Dr. M. Kaykobad, BUET, Chair Technical Program Committee, ICISSET-2016, Professor A.K.M. Azharul Islam, FInstP, CPhys, Honorable Vice Chancellor, IIUC, Professor Dr. Kamaruzzaman Seman, Dean, Faculty of Engineering and Built Environment, Universiti Sains Islam Malaysia, ICISSET-2016 was inaugurated.

ICISSET-2018

The conference was organized for the second time on October 27-28, 2018 by the Faculty of Science and Engineering, IIUC. IEEE, Bangladesh section was the technical Co-sponsor of the conference. The conference was held with the generous support of Universiti Teknologi MARA, Malaysia; Fatih Sultan Mehmet Vakif University, Istanbul, Turkey; Universiti Sains Islam Malaysia; Tribhuvan University, Nepal; Universiti Malaysia Perlis and Al-Madinah International University, Malaysia. Prof. Dr. Saiful Islam, Honorable Vice Chancellor, BUET, was present as the chief guest at the inaugural ceremony of ICISSET-2018.

ICISSET-2022

The International Conference on Innovations in Science, Engineering and Technology (ICISSET-2022) – the third conference in the series was organized by the Faculty of Science and Engineering on February 25-28, 2022 at the picturesque campus of IIUC. The theme of this conference was “Technology for Sustainable Development”. IEEE, Bangladesh section was the technical Co-sponsor of the conference and Islami Bank Bangladesh Limited (IBBL) was the co-organizer. Prof. Dr. Abu Reza Md. Nezamuddin Nadwi, MP, Chairman, Board of Trustees, IIUC was present as the chief guest at the inaugural ceremony of ICISSET-2022. Proceedings of the conference held in 2016, 2018, and 2022 are indexed by Scopus and EI Compendex which is maintained by Elsevier. Prof. Dr. Md. Delawer Hossain, Dept. of EEE, IIUC chaired the organizing committee for each conference

Tech Fest

Tech Fest serves as a platform for students to showcase their creativity, new creations to various departments of the university and beyond. This type of competition among students develops teamwork, interdisciplinary relationships and leadership qualities. Tech Fest is known for organizing various events which include: Competitions, exhibitions, lectures and workshops. Earlier "IT Enlightenment Week" was celebrated by the Dept of CSE in 2003. The first "IT Fest" was organized on a small scale in 2011 by the Computer Club, Department of Computer Science and Engineering, IIUC. In 2014 "Tech Fest-2014" was organized by the Faculty of Science and Engineering on a large scale in

which 1000 participants participated. The 3rd, 4th and 5th Tech Fest was organized by Faculty of Science & Engineering, IIUC in 2015, 2017, and 2020 respectively. The events that are usually held at Tech Fest are: Programming Contest, Robo Soccer Competition, Idea Generation Competition Mobile Games and Apps Development Competition, Mechanics Olympiad, Poster Presentation Competition, Medicinal Plant Show Competition, Math Olympiad, DocuFilm Contest, Circuit Solution Competition, Cyber Gaming Contest, and Tech Olympiad etc.

Conclusion

Faculty of Science and Engineering places an unwavering emphasis on delivering top-notch education, and this commitment is non-negotiable. Right now, we are deeply involved in the accreditation process, actively seeking recognition and validation for our academic programs. For our five engineering departments, we are diligently pursuing accreditation from the Board of Accreditation for Engineering and Technical Education (BAETE), a significant step in ensuring the quality of engineering education. Specifically, we are working towards the renewal of accreditation for our Computer Science and Engineering (CSE), Electronics and Telecommunication Engineering (ETE), and Electrical and Electronic Engineering (EEE) departments, with the goal of achieving this by the year 2024. Additionally, we have plans to extend this accreditation initiative to our Computer and Communication Engineering (CCE) and Civil Engineering (CE) departments, who will apply for accreditation once they have a cohort of graduated students. Furthermore, Department of Pharmacy is actively progressing on its journey to accreditation through the Pharmacy Council, aligning with our commitment to maintaining high educational standards. These accreditation efforts underscore our dedication to providing students with a quality education and ensuring our programs meet or exceed industry and professional standards.



Officer and Staff

Office of the Dean

Md. Shiblee Noomani

Assistant Director



Md. Hasan

Peon



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“নিশ্চয়ই তোমাদের মধ্যে সে ব্যক্তিই আল্লাহর কাছে বেশি সম্মানী, যে আল্লাহকে সবচেয়ে বেশি ভয় করে”।

(সূরা হুজরাত: ১৩)

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A Short Note on Dept. of Computer Science & Engineering (CSE)

By

Engr. Mohammad Aman Ullah, PhD
Associate Professor & Chairman, CSE, IIUC

Introduction

The year 1995 was a special year on the horizon of higher education in Chittagong. The first private university in the Chittagong region, International Islamic University Chittagong (IIUC), was established that year. The Department of Computer Science and Engineering (CSE) was one of the first three departments initially opened at IIUC. This department has played a pioneering role as it is the first department to offer a degree in CSE in the entire Chittagong region. Within a very short time the name and fame of this department spread across the country and was able to attract talented students from all over the country.

Importance of studying CSE

Computer science is a dynamic and rapidly growing area that has become an integral part of the world that we live in today. Having a degree in this field will provide you with a deep understanding of theories and emerging technologies. This knowledge and experience will allow you to develop cutting-edge solutions that address today's challenges. When applied in an interdisciplinary fashion, students can also draw on their other areas of interest such as biology, business, cyber security, economics, engineering, information assurance, languages and linguistics, mathematics, physics, public policy, etc., to address a wider range of complex issues.

What are the benefits of studying CSE?

The CSE department is very important in the era of globalization. As we live in a digital age, most industries rely on data and software programs. Students studying this discipline learn technical skills such as programming, problem-solving, leadership, and many more. Studying computer science broadens your horizons and equips you with skills that not only make you a highly valued employee that many companies want to hire, but also gives you the capacity to program yourself to produce extraordinary things that most people can't create their own. Gain knowledge and skills that can be applied in the future to facilitate and speed up many processes and solve many problems. Computer science is among the highest-paying fields. It offers job opportunities in emerging areas like artificial intelligence, machine learning, data science, Networking, Software engineering, Cyber security, and data analysis etc

Career Prospects in CSE

- Application analyst/developer
- Animation/Special Effects Developer
- Cyber/Information security analyst
- Computer Scientist/Researcher/Faculty Member
- Computer Hardware Engineer
- Data analyst/Miner
- Database Administrator:
- Forensic computer analyst
- Game designer/developer
- IT consultants/Manager
- Machine learning engineer
- Medical Imaging Specialist
- Mobile App Developer
- Network engineer/administrator
- Programmer
- Penetration tester

- Software engineer
- *Systems analyst/administrator/ Architect*
- *Technical Writer*

- *UX designer*
- Web designer/developer/Master

History of Dept. of CSE, IIUC

The CSE Department started its journey under the Faculty of Modern Science with 16 students from the autumn semester of 1995 in a rented building in Chawkbazar, Chittagong. At the time of establishment, the name of the department was Computer Science and Technology (CST), which was later changed to CSE. A class room with only 4 computers was allotted for students' theoretical and practical classes and another small room was used for office, coordinator and teachers seating. The challenging journey began under the leadership of Prof. Dr. Md. Nurul Islam, Department of Physics, and University of Chittagong. Within a short time, Mr. Mijanur Rahman, a CSE graduate of BUET, joined the department as the founding chairman of CSE, IIUC on 15th September, 1995. Bachelor of Science Program of CSE of IIUC in Chittagong Region is the first degree recognized by the Board of Accreditation of Engineering and Technical Education (BAETE) of Institute of Engineers Bangladesh (IEB). During the period 1995 to 2023, 2997 students obtained B.Sc. degree and 72 students obtained M.Sc.

Present Strength of CSE Dept, IIUC

| Particulars | Male | Female | Total |
|--|------|--------|-------|
| Number of Section | 42 | 22 | 64 |
| Number of Students | 1797 | 757 | 2554 |
| Number of Computer Lab | 12 | 5 | 17 |
| Number of EEE Lab | 3 | 2 | 5 |
| Number of Physics Lab | 1 | 1 | 2 |
| Number of Class Room | 23 | 12 | 35 |
| Number of Prayer Room | 1 | 1 | 2 |
| Number of Common Room | 1 | 0 | 1 |
| Number of Computer Club's Room | 1 | 0 | 1 |
| Number of Store Room | 3 | 1 | 4 |
| Number of Office Room | 5 | 1 | 6 |
| Number of Regular Teacher | 34 | 11 | 45 |
| Number of Staff including Lab Technician | 23 | 13 | 36 |

There are some units in the directorate for conducting co-curricular activities.

Computer Club

The Computer Club was formally formed on 26th July 2001 with Prof. Dr. Md. Nurul Islam as President and Md. Jamshed Haider Siddiqi as General Secretary. Mohammad Shamsul Alam, Syed Md Ashraful Karim Dalim and Md Enayet Ullah Patwari served as vice presidents of the club. Prof. Mohammad Ali, Ex-Vice Chancellor, IIUC and Prof. Dr. Abu Bakar Rafique, Ex-Pro-Vice Chancellor were the chief advisors of the club.

Computer Club is an integral part of the Department of CSE, IIUC which acts as an adjunct to most of the co-curricular activities. Active participation of students in each activity helps develop leadership among club members. The Computer Club has a functioning body. This executive body consists of students from different semesters under the supervision of selected faculty members by the dept.

The Computer Club serves as a vibrant hub for numerous co-curricular endeavors. The club publishes digital magazines, organizes various programs such as programming contests, hackathon competitions, workshops, webinars, seminars, debate competition, study tour, fresher's reception and farewell ceremony, cricket tournament, football

tournament, cultural program, awareness rally like anti-smoking and drug rallies, dengue prevention, BBQ Party etc. Members of the computer club take part in various social and humanitarian activities such as winter cloth distribution, collection and distribution of funds in aid of helpless and poor humanity, blood donation, food distribution among casualties etc. This club collaborates in the CSE Fest, IT Festival, Tech Fest and Ramadan Fest, Celebrating different days also. Besides, IIUC Computer Club provides assistance to CSE aspirants by setting up help desk during the entrance examination. Recently IIUC Computer Club organized a Webinar on “Tech Industry Guidelines and Knowledge Sharing” which paved the way to enjoy a great evening session.



Competitive Programming Society

IIUC Competitive Programming Society (IIUCCPS), established in July 2022, follows a multifaceted approach, promoting competitive programming and fostering a supportive community among its members, with three primary mission objectives at its core:

- **Inform the CP Culture:**

The society is committed to introducing the CP culture to students who are not actively engaged in competitive programming. It emphasizes the value of problem-solving skills and their significance in the job market. This transition from being unaware of CP to enjoying it positions students as valuable assets, particularly in an era where complex thinking is a prized commodity.

- **Upgrade CP Skills:**

For students already involved in competitive programming, IIUCCPS provides structured bootcamps, mentorship programs, and proven training guidelines. These initiatives serve to help students improve their skills and advance to higher levels of proficiency, ensuring they stay at the forefront of the ever-evolving world of competitive programming.



● **Foster Brotherhood and Collaboration:**

The society creates a sense of community and collaboration among its members. This collaborative network plays a pivotal role in achieving a 100% success rate in job placements for students even before they graduate. The connection between senior, junior, and alumni members ensures that students receive the support and guidance needed to thrive in the competitive job market.

In pursuit of these objectives, IIUCCPS has diligently organized four 6-month long Competitive Programming Bootcamps and a remarkable total of 111 contests. These contests encompassed 12 Short Contests, an impressive 90 Long Contests, and 9 Intra-University Programming Contests. Notably, the Intra-University programming contests consistently drew a substantial average participation of more than 180 enthusiastic students. In addition, IIUCCPS has further expanded its outreach by organizing four webinars centered on critical aspects of career development, competitive programming, and insights into the industry landscape. These webinars provided a platform for students to gain valuable knowledge and insights into various professional domains, enhancing their holistic growth and skill set. To actively cultivate a sense of camaraderie and collaborative spirit among the society's members, encompassing both the seniors-juniors, as well as current students and esteemed alumni, IIUCCPS has organized a total of three grand buffet dinners. These special gatherings have brought together not only the dedicated executives but also distinguished alumni and esteemed faculty members. These occasions serve as a platform for fostering meaningful connections and nurturing the spirit of unity within the IIUCCPS community, allowing for the exchange of experiences and insights that contribute to the holistic growth of its members.

IIUCCPS is a beacon of excellence under the dedicated leadership of its founder, Jamil As-ad, Lecturer, Department of CSE, IIUC. This dynamic organization boasts a robust organizational structure, encompassing an esteemed advisory panel, which includes luminaries such as Prof. Mohammed Shamsul Alam, Professor, Department of CSE, IIUC, and Tanveer Ahsan, Associate Professor, Department of CSE, IIUC. Complementing this advisory panel are accomplished alumni working in renowned industries. To ensure the seamless execution of its multifaceted mission, IIUCCPS operates with the support of a dedicated student executive body, who are the driving force behind the society's activities.

IIUCCPS actively hosts a biannual Competitive Programming Bootcamp, catering to over 200 students. This comprehensive program features live sessions conducted by a diverse set of individuals, including alumni, current top coders of IIUC. The bootcamp's unique feature is its categorization of participants based on their skill levels into five distinct categories. This ensures that students at all expertise levels find a supportive learning environment, enabling them to enhance their programming skills, sharpen their problem-solving abilities, and broaden their competitive programming knowledge through interactive sessions and hands-on practice.



The society further extends its commitment through mentorship programs, where aspiring coders are paired

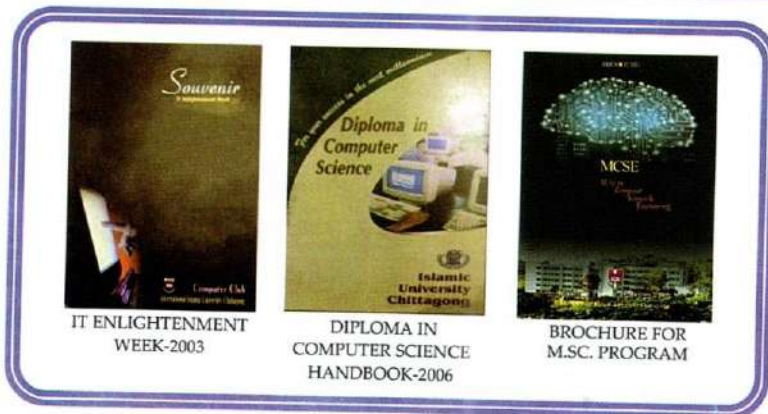
with mentors who possess higher rankings and extensive experience in competitive programming. These mentors provide invaluable guidance, closely monitor the progress of their mentees, and help them navigate various programming challenges. This one-on-one mentorship approach is a crucial resource for students looking to sharpen their programming skills and gain deeper insights into the world of competitive programming.

To provide students with opportunities to apply their programming skills and knowledge, IIUCCPS organizes programming contests, including short and long contests with topic-based themes. These contests are held regularly, typically every six months, offering students a platform to test their skills in a competitive environment. The contests are categorized into various segments, including junior individual contests, junior team contests, senior individual contests, and senior team contests, catering to participants with different levels of experience and preferences. In essence, IIUC Competitive Programming Society operates with a clear vision and mission, promoting competitive programming, skill development, mentorship, and community-building. Its unique blend of structured programs and collaborative networks ensures the growth and success of its members in the highly competitive job market. The society stands as a testament to the power of collaboration, skill development, and mentorship in preparing students for a bright and successful future in the field of competitive programming.



Information and Publication Committee

There is a publication unit in the CSE Department under whose supervision Magazines, Brochure, Leaflets, flyer, Souvenir etc. are published. Among them the departmental first magazine "Gateway-2005", CSE Alumni Souve-



nir-2017, Souvenir on ICT Seminar 2007 Brochure for admission in bachelor program, Admission Handbook for Diploma in CSE, Souvenir on ICT Seminar-2007 are notable. Above you can see the cover pages of some magazines, memoirs, etc. Each publication is edited by Prof. Dr. A.N.M. Rezaul Karim, Professor, Dept of CSE, IIUC & Convener, Information and Publication Committee, Dept. of CSE, IIUC on that time.

Industrial Collaboration and Job Placement unit

Recent advances in information and communication technology (ICT) are unleashing new capabilities and fundamentally changing the nature of work. These technological developments ushered in the latest wave of industrial revolution known as the 'Fourth Industrial Revolution' (4IR), or 'Industry 4.0'. The emerging technologies of the 4IR include Artificial Intelligence, Internet of Things, Big Data/Data Science, 3D-printing, Blockchain technologies, neuro technologies, genetic modifications, drones, autonomous vehicles, machine visions among others.

CSE department has a unit called Industrial Collaboration and Job Placement unit. The department of CSE, IIUC through this unit is continuously trying to increase the relationship with various reputed industries where ICT can play an important role in the fourth industrial revolution.

The key to collaboration between universities and industries is to build a strong relationship where each entity benefits substantially. Through these relationships, students and researchers gain exposure to practical problems, potential solutions and employment opportunities. Guidance from industry experts provides an avenue for students to connect with seniors to set their plans for their dream job.

Besides, Industrial workshop on UI/UX development, web development with ruby on rail, SCITP Industrial Workshop, LEADS Tech Summit & Career Bootcamp Workshop, Industrial seminar on software Quality assurance and web security etc are conducted through this unit. Recently, top executives of leading software firms like Leadsoft, Nasceenia, ThemeExperts visited IIUC campus to train the students' of CSE cutting-edge technologies and best practices of the software industries.

Industrial Training, Tour and Internship Committee

Industrial training is an important strategy to expose students to real life situations and equip them with necessary skills that sharpen their work skills. A key component of an engineering curriculum is an exposure to professional engineering practices sought through industrial training. Industrial training is traditionally considered a strong outfit in the professional career of a fresh engineering graduate and is the common method of harvesting skilled engineers. It helps them to update and master their skills. It not only builds confidence but also helps in taking on complex projects with ease. Students can gain experience and know the actual job situation



Co-Curricular Activities

Activities that are beyond subject knowledge help students to develop moral values and practical skills. In the long run, it helps them to cherish their life. The Department of CSE, IIUC, always arranges many co-curricular activities for boosting the students.

CSE Fest

Every year CSE Fest is celebrated with many kinds of competition festivals like programming competition, IT quiz, poster presentation, photography competition, art competition etc. In 2022, August 17-24, CSE Fest and



Fresher's reception of 54th Batch (Autumn-22) was organized by Computer Club. This fest is organized for CSE students to showcase their talents in many competitions.

Graphics & UI Designing Contest, Memory Test, Gaming Contest, Typing Speed Test, Photography Contest, Tech Olympiad, Idea Generation Competition, Programming Contest, Debate Competition were held on the occasion of CSE Fest 2022. Professor Anwarul Azim Arif, Vice-Chan-



cellor, IIUC was present as the chief guest and Prof. Dr. Mohammad Masrurul Mowla, Pro Vice-Chancellor, IIUC was present as special guest.

Seminars & Workshops

A workshop is a great way for the students to learn about a particular subject, learn new projects, and methods in order to make the students' understanding better. Seminars and Workshops can help students achieve success in their academic environment by putting these skills into practice. Seminar committee of the CSE department organizes a number of seminars and workshops in each semester in association with CSE CLUB where the speakers from home and abroad talk about selected on various topics.

Two separate workshops on Undergraduate Mathematical Olympiad were held on 26-07-2023 in CSE Building Room No-501 for male and female students. Mr. Abdul



Karim, Lecturer, NSTU and Mr. Forhad Mahmud, Lecturer, NSTU addressed the participants. Prof. Engg. Dr. Abdul Kader Md. Masum, Ex-Chairman, CSE, IIUC, Prof. Dr. A.N.M. Rezaul Karim, Convener, Math Olympiad Committee, CSE, IIUC, Mr. Saiful Islam, Lecturer, CSE, Mrs. Shefayatuj Johara Chowdhury, Lecturer, CSE, IIUC were also present in the workshop. An workshop on Outcome Based Education on 05-09-2023 in 401. Faculty Members of CSE were present there.



Firefighting Training

The most important thing about firefighting training is that it can be the difference between life and death. Fire is extremely dangerous and can even be fatal. Fire extinguisher training safety ensures that your staff and students are able to act quickly and correctly in the event of a fire. With that goal in

mind, On the initiative of Professor Dr. A.N.M. Rezaul Karim, convener of the Logistics Committee at that time, two separate fire fighting trainings were organized for CSE male and female students on Monday, May 30, 2022 and Tuesday, May 31, 2022 respectively. Engineer Mohammad Safiullah, Assistant Professor, CSE gave training as a trainer. Teachers, officers, lab technicians, and a large number of male and female students participated in the training program.



Math Olympiad

Math Olympiad helps students to improve logical reasoning, analytical thinking and their aptitude. It improves the students' problem solving ability and challenges them to think analytically. We still can't show our students the happy world of math! Those who take part in the Math Olympiad have at least been able to peek into this mysterious, enjoy-



able world. With this goal in mind, the Math Olympiad under the supervision of CSE Math Olympiad Committee is held every year in the CSE Department. Those who achieve first, second and third positions are awarded by the Dept and later on they take part in the regional and national math Olympiad.



IIUC CSE Students continue their success in the divisional and national Mathematics Olympiad. Mrs. Sahanaz Akter Jitu, Matric No C191262, Dept of CSE, IIUC has secured 7th position out of 122 contestants on merit in the 13th National Undergraduate Mathematics Olympiad-2022 (Chittagong Region) held on 25th November, 2022 at CUET. She was selected for the final round held in Dhaka University on December 23, 2023. Note here that, a team of 12 from IIUC CSE participated in the 13th National Undergraduate Mathematics Olympiad in 2022.

It may also be noted here that a team of 16 from IIUC' including 10 from CSE participated in the 12th National Undergraduate Mathematics Olympiad held at Premier University, Chittagong on November 26, 2021 in the Department of Mathematics. Ms. Shefayatuj Johara Chowdhury and Shahnaz Akhtar Jetu of CSE department are seen in the picture at the National Math Olympiad 2022 held in DU.

Sports and Cultural Activities

Sports create a sense of camaraderie among students and develop their team spirit. It helps students develop mental and physical toughness. CSE CLUB organizes sports week every semester. Football tournaments, cricket tournaments etc are organized by clubs. Besides, various cultural programs like Fresher's Reception, Farewell Program, Poetry Recitation, Music Performance, Comedy, Acting, Essay competition, Extempore Speech, Set Speech, and Telling Story in continuously, Wall Painting etc. are organized every year.

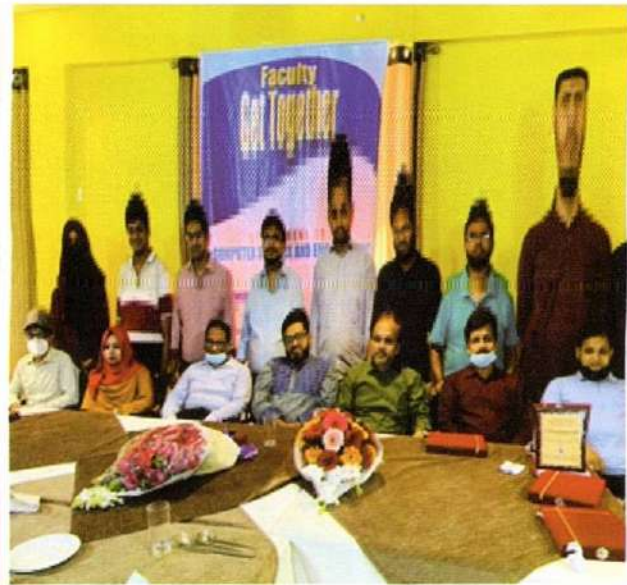


Reception, Farewell, and Recreation Committee

The CSE department has a Reception, Farewell and Recreation Committee which organizes receptions for new teachers and farewell receptions for outgoing teachers. Not only this, the committee also organizes trips to various tourist



places for the teachers of the CSE department in which the family members of the teachers also participate. During the tour, quiz competitions, cultural competitions, sports are organized for children and prizes are distributed among the



winners. And among the teachers, those who get promoted get PhD degrees are honored with the crest. And lavish feasts are organized at their expense.

Visiting team at CSE Dept, IIUC



Ramadan Fest

The International Islamic University of Chittagong (IIUC) Computer Club organized a two-day Iftar Mahfil on Sunday and Monday (April 9 and April 10, 2023) at the Royal Garden Community Center in Chittagong city.

Professor Anwarul Azim Arif, Vice-Chancellor, IIUC was present as the chief guest in the Iftar Mahfeel and discussion meeting. Mrs. Khadijatul Anwar Soni MP, member of reserved women's seat and member of IIUC Board of Trustees, Mrs. Rizia Reza Chowdhury, member of IIUC Board of Trustees and Chairman of Female Academic Zone, Dr. Shamimul Haque Chowdhury, Dean, Faculty of Science and Engineering, Mr. A.F.M. Aktaruzzaman Kaisar , Registrar,

IIUC, Mr. Md. Iftekhar Uddin, Proctor, IIUC were present as special guests. Mr. Tanveer Ahsan, Chairman, Dept. of Computer Science and Engineering, IIUC chaired the program. Professor Dr. Mohammad Shafi Uddin, Dept. of Dawah and Islamic Studies, IIUC was present as the main speaker.

Speakers appreciated such arrangements saying that IIUC imparts quality academic education to the students as well as humane and moral education which make a major contribution in building an educated and humane nation.

Male students of CSE participated on the first day and female students on the second day of the two-day Iftar party and discussion.



Respected Faculty Members, President, Vice President, Treasurer and Executive Members of Computer Club, Alumni of CSE and officers of CSE department were present on the occasion. At the end of the event, prizes were distributed among the winners of various events. The event featured Quran recitations, Nasheed, reflections on the Battle of Badr, and speeches etc. On April 8, 2023, the IIUC Computer Club unveiled the much-anticipated Islamic Calligraphy Exhibition of students in front of the Central Library, marking a historic moment for IIUC. This incident was another interesting incident of Ramadan festival.

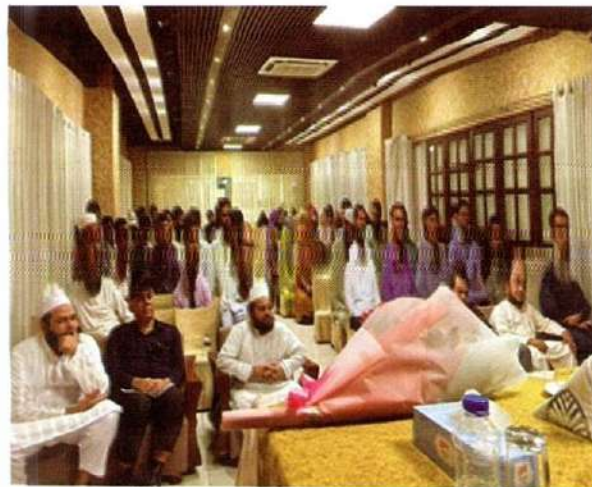
Social Work



M.Sc. in CSE Orientation Program

On September 28, 2023, an orientation program was held for the newly admitted students of the M.Sc. program in the Department of Computer Science and Engineering, International Islamic University, Chittagong, at a Chinese restaurant.

Professor Dr. Abu Reza Muhammad Nezamuddin Nadwi, MP, Honorable Chairman of the Board of Trustees of the University, Professor Anwarul Azim Arif, Honorable Vice Chancellor of the University, Mrs. Rizia Reza Chowdhury, Honorable Member of the Board of Trustees, Professor Dr. Humayun Kabir, Honorable Treasurer of IIUC,



Dr. Shamimul Haque Chowdhury, Dean, Faculty of Science and Engineering, IIUC, Professor Dr. Shamsul Arefin, faculty member of the department of Electrical and Computer Engineering of Chittagong University of Engineering and Technology (CUET), Dr. Mohammad Aman Ullah, Chairman, Department of CSE, IIUC and Mr. Tanveer Ahsan, Coordinator of Master's Program of CSE spoke. Besides, Registrar of University, Director of MDP, teachers of the department were present.

Curricular and Co-curricular activities Report, Dept of CSE, IIUC (2020-2023)

The CSE department is one of the most vibrant departments at IIUC, full of curricular and extracurricular activities, aimed at developing the latent talents of the students and making them competitive to meet the challenges of an ever-changing global scenario where technology is one of the major drivers.

Activities Report (January 2020 to December 2021)

| Sl. No | Date | Description | Organizer |
|--------|------------------------|---|--|
| 1. | January 17 - 18, 2020 | IIUC Inter -University Hackathon 2020 | FSE, IIUC |
| 2. | May 07, 2020 | Webinar on Data Science & Machine Learning | IIUC Computer Club |
| 3. | May 24, 2020 | Webinar on Satellite Mission for Bangladesh | IEEE IIUC Student Branch for Technical Support |
| 4. | July 03, 2021 | 2 Days long Industrial Workshop'21 | ITCAP, Dept of CSE, IIUC for Technical Support |
| 5. | November 24 - 25, 2021 | CSE Intra Department short pitch cricket tournament. | IIUC Computer Club |
| 6. | November 25, 2021 | BBQ Party after the final match of CSE Intra Department short pitch cricket tournament. | IIUC Computer Club |

Activities Report (January 2022 to August 2022)

| Sl. No | Date | Description | Organizer |
|--------|------------------------|---|--|
| 7. | January 9, 2022 | উষ্ণতার হাসি | IIUC Computer Club |
| 8. | January 9, 2022 | Fresher's Reception of CSE 53 th Batch | IIUC Computer Club |
| 9. | January 18, 2022 | Graphics, decoration, decoration in CSE department building | IIUC Computer Club |
| 10. | January 15, 2022 | Farewell of CSE 40 th , 41 th , 42 th , 43 th Batch | IIUC Computer Club |
| 11. | January 15, 2022 | Fresher's Reception of CSE 50 th , 51 th , 52 th , 53 th Batch | IIUC Computer Club |
| 12. | January 18, 2022 | Feast with Computer Club Members. | IIUC Computer Club |
| 13. | January 15, 2022 | Cultural Program | IIUC Computer Club |
| 14. | January 21, 2022 | Divisional Science Olympiad 2022 | FSE, IIUC |
| 15. | January 26, 2022 | Inter Department Cyber Security Competition IIUC Cybercon 2022 | FSE, IIUC |
| 16. | January 31, 2022 | Welcoming ceremony of Dr. Engr. Abdul Kadar Muhammad Masum Sir for being appointed as Chairman of the Department of CSE | IIUC Computer Club |
| 17. | February 11, 2022 | Charity | IIUC Computer Club |
| 18. | February 21, 2022 | Laying wreath at Shaheed Minar | IIUC Computer Club |
| 19. | February 25 ~ 28, 2022 | ICISSET'22 | FSE, IIUC |
| 20. | March 27 ~ 30, 2022 | Department Tour "Daruchini Dwip 2022" | IIUC Computer Club |
| 21. | April 06, 2022 | Representative Meeting | IIUC Computer Club |
| 22. | April 08, 2022 | Intra Department Programming Contest (Junior) | Programming Society [Sister Concern of IIUC Computer Club] |
| 23. | April 15, 2022 | Intra Department Programming Contest (Senior) | Programming Society [Sister Concern of IIUC Computer Club] |

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|-----|-----------------------------|--|--------------------------------|
| 24. | April 15, 2022 | Road to Rakuten webinar with Nizam Uddin | IIUC Computer Club |
| 25. | April 17, 2022 | Higher Studies in Canada Webinar with Arnab Barua | IIUC Computer Club |
| 26. | April 21, 2022 | Iftar mahfil'22 | IIUC Computer Club |
| 27. | April 23 ~ 24, 2022 | 2 days long Industrial Workshop | TCAP, Department of CSE, IIUC |
| 28. | April 24 ~ 28, 2022 | Distribution of food items and Eid clothes on the occasion of Ramadan | IIUC Computer Club |
| 29. | May 30 & May 31, 2022 | Fire Fighting training | Logistic Committee, CSE |
| 30. | June 9 & 10, 2022 | Brac IT Tech Summit & Career Workshop 2022 | ITCAP, Department Of CSE, IIUC |
| 31. | 10 th June, 2022 | Carrer Seminar of BRAC IT | |
| 32. | 17 June ,2022 | Shitakondo Tragedy Speeding hand | IIUC Computer Club |
| 33. | June 28, 2022 | Orientation Program (Autumn 2022) | FSE, IIUC |
| 34. | August 04, 2022 | Congratulations Dr. Engr. Abdul Kadar Muhammad Masum Sir on being appointed as Professor of the Department of CSE. | IIUC Computer Club |
| 35. | August 04, 2022 | General meeting with 1st to 5th semester | IIUC Computer Club |
| 36. | August 05, 2022 | Interdepartmental Debate Tournament 2022 | IIUC Computer Club |
| 37. | August 17, 2022 | CSE FEST - Graphics& UI Designing Contest | IIUC Computer Club |
| 38. | August 20, 2022 | CSE FEST – Memory Test | IIUC Computer Club |
| 39. | August 20, 2022 | CSE FEST – Gaming Contest | IIUC Computer Club |
| 40. | August 20, 2022 | CSE FEST – Typing Speed Test | IIUC Computer Club |

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|-----|--------------------------------|--|--------------------|
| 41. | August 20, 2022 | CSE FEST – Photography Contest | IIUC Computer Club |
| 42. | August 21, 2022 | CSE FEST - Tech Olympiad | IIUC Computer Club |
| 43. | August 22, 2022 | CSE FEST – Idea Generation Competition | IIUC Computer Club |
| 44. | August 23, 2022 | CSE FEST – Programming Contest | IIUC Computer Club |
| 45. | August 23, 2022 | CSE FEST – Debate Competition | IIUC Computer Club |
| 46. | 12 th October, 2022 | Industrial Workshop on “Design Thinking and Innovation on Applink” | |

Activities Report (January 2023 to October 2023)

| Sl No | Date | Description | Organizer | Remarks |
|-------|-----------------------------|--|--------------------|---|
| 47. | January 2023–June 2023 | Competitive Programming Boot camp Spring 2023 | Dept of CSE, IIUC | Around 200 Participants |
| 48. | January 20, 2023 | IIUC Intra University Junior Programming Contest Spring 2023 | Dept of CSE, IIUC | 110 Contestants Participated |
| 49. | February 3, 2023 | National Girls Programming Competition | DIU | Teams from IIUC ranked 16 th , 28 th , and 43 rd |
| 50. | February 10, 2023 | Weekly Team Contest | Dept of CSE, IIUC | Around 50 participants |
| 51. | February 11, 2023 | ICPC Preliminary Contest 2023 | Green University | Around 400 participants |
| 52. | 2 nd March, 2023 | Industrial Tour in “Sheikh Kamal IT Incubator” | | |
| 53. | 21 March, 2023 | Event on Empowering the Muslim Community through Technology | IIUC Computer Club | |

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|-----|--------------------------------|--|--------------------|---|
| 54. | 22 March, 2023 | Awareness Rally 2023 | Proctor Body, IIUC | |
| 55. | 23 March, 2023 | Prize Giving Ceremony of "Game Fiesta -2023 | FSE, IIUC | |
| 56. | 26 March 2023 to 11 April 2023 | A month -long Ramadan Fest23 Opening Ceremony | IIUC Computer Club | |
| 57. | 31 March, 2023 | Webinar on CTFs and Bug Bounty | IIUC Computer Club | |
| 58. | March 31, 2023 | Junior Intra University Programming Contest | Dept of CSE,IIUC | 58 Teams Participated |
| 59. | 4 April, 2023 | Seminar on The Inspiring Journey of Maher Khan | IIUC Computer Club | |
| 60. | 4 April,2023 | Celebration of of Ramadan Fest Phase I | IIUC Computer Club | |
| 61. | April 5, 2023 | Quiz competition, | IIUC Computer Club | |
| 62. | April 6, 2023 | Quran Recitation Competition | IIUC Computer Club | |
| 63. | April 7, 2023 | Nasheed Competition | IIUC Computer Club | |
| 64. | April 8,2023 | Calligraphy Exhibition | IIUC Computer Club | |
| 65. | April 9,2023 | Grand Iftar Mahfil'23, Male chapter | IIUC Computer Club | |
| 66. | April 10,2023 | Grand Iftar Mahfil'23, Female chapter | IIUC Computer Club | |
| 67. | April 11, 2023 | Ramadan Fest 2023: Prize - Giving Ceremony Highlights | IIUC Computer Club | |
| 68. | May 5, 2023 | Rating Based Contest | Dept of CSE,IIUC | Around 50 participants |
| 69. | May 5, 2023 | Luna Shamsuddoha Girls ICT Day Celebration Programming contest | | IIUC contestants solved 6 problems out of 8 |

| | | | | |
|-----|-----------------------------|---|---|--|
| 70. | May 11,2023 | ICPC Asia Dhaka Regional Contest 2022 | Green University | IIUC got 4 slots. Teams from IIUC ranked 56 th , 60 th , 70 th and 88 th |
| 71. | May 19,2023 | Rating Based Contest | Dept of CSE, IIUC | Around 50 participants |
| 72. | May 19,2023 | Asia West Championship | GLA University Mathura Center, India | IIUC got 1 slot. Team from IIUC ranked 53 th |
| 73. | 13 th June, 2023 | Long Day Training Session Provided by “Digital Lab” | | |
| 74. | June 17, 2023 | IIUC Orientation Program 2023 | FSE, IIUC | |
| 75. | July 4, 2023 | Orientation for Batch -56 | IIUC Computer Club | |
| 76. | July 26,2023 | Workshops on Undergraduate Mathematical Olympiad | Math Olympiad Committee, CSE | |
| 77. | August 2, 2023 | Workshop on soft skill | IIUC Computer Club | |
| 78. | August 5, 2023 | Dengue Prevention and Tree Plantation Rally | IIUC Female Proctorial Body | |
| 79. | August 14, 2023 | AI Hackathon 2023 | Liberate Labs | |
| 80. | August 16, 2023 | Ramadan Charity Distribution | IIUC Computer Club | |
| 81. | September 5, 2023 | Workshops on Outcome Based Education | Dept. of CSE | |
| 82. | September 7, 2023 | Career Development Webinar | IIUC Computer Club | |
| 83. | September 8, 2023 | Seminar on Roadmap to Google | IEEE ComSoc IIUC Student Branch Chapter | |
| 84. | September 19, 2023 | Webinar on Higher Study Preparation for Beginners | IIUC Computer Club | |

| | | | | |
|-----|---|---|-----------------------|--|
| 85. | September 18 to October 7, 2023 | IIUC Tech Fest | FSE, IIUC | |
| 86. | September 19, 2023 | Intra University Programming Contest | IIUC Computer Club | |
| 87. | September 30, 2023 to October 15, 2023 | Intra Department Football Carnival | IIUC Computer Club | |

Conclusion

The glorious journey of the CSE Department of IIUC began in 1995, and its faculty and students have kept its flag high with their continuous efforts, dedication and hard work. It has continuously maintained its excellence for nearly 25 years, and now IIUC's CSE department is one of the top departments in Chittagong region.

A brief description of the historical context, various characteristics and recent activities of the nearly 25-year-old young CSE department is given. Expansions and acquisitions are quite satisfactory. If this process of activities continues, the department will gain international fame in a very short time and will be able to fulfill the aspirations of the nation and the Ummah in particular.



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|  MULTIPLAN BRANCH Elephant Road, Dhaka ☎ 01713240780 |  IDB BRANCH Agargaon, Dhaka ☎ 01713240778 |  MOTUHEEL BRANCH Rahmania Computer City Toyenbee Circular Road, Dhaka ☎ 01713240710 |
|  AGRABAD BRANCH Agrabad, Chattogram ☎ 01713240717 ☎ 01713240739 |  GEC BRANCH Central Shopping Complex GEC Circle, Chattogram ☎ 01713240720 |  HEAD OFFICE Elephant Road, Dhaka ☎ 01713240769 |

TOP ICT CHAIN



A Short Note

Dept. of Computer and Communication Engineering (CCE)

By
Prof. Engr. Md. Razu Ahmed
Professor & Chairman, CCE, IIUC

Introduction

Welcome to the Department of Computer and Communication Engineering (CCE) at the International Islamic University Chittagong (IIUC). Whether you are a prospective or current student, a prospective faculty member, a parent, an alumnus, a government or industry representative, or just a curious onlooker, I encourage you to browse and find detailed information about our graduate and undergraduate programs, our faculty members, their research interests, and the broad range of activities underway in the department.

The CCE Department is committed to providing its students with an outstanding educational experience and preparing them for the highest personal and professional growth. We believe in student-centered and practice-oriented education to train the future workforce and meet the challenges of existing and emerging technologies of the 21st century. Thus, we focus on hiring outstanding faculty members from home and abroad, incorporating an outcome-based education system, and building state-of-the-art teaching facilities and research laboratories.

The department runs a UGC-approved and BAETE-accredited program with highly qualified faculty members and staff with sufficient logistic support. We provide a separate arrangement for the female students at the Female Academic Zone (FAZ), IIUC. The department is proud of its outstanding faculty members, who have MS and/or Ph.D. degrees, primarily from Australia, Thailand, Malaysia, and India. Our department is the top destination for faculty members willing to return to Bangladesh from abroad.

Our students are broadly encouraged to gain out-of-the-classroom academic and research experiences, produce engineering and scientific publications, and participate in various co-curricular activities. The department maintains program-oriented and student-centric engineering forums such as ACM and IEEE Student Branches to foster these activities.



Fig 1 : Prof. Dr. Abu Reza Md. Nezamuddin Nadwi, MP, the Honorable Chairman, Board of Trustees, IIUC, delivering speech in the prize giving ceremony of CCE FEST 2022.



Fig 2 : Dr. Engr. Rashid Ahmed Chowdhury, the Honorable Member, Board of Trustees, IIUC, & Chairman, Finance Committee, IIUC, delivering speech in the prize giving ceremony of CCE FEST 2022.



Fig 3 : Mrs. Rizia Sultana Chowdhury, the Honorable Member, Board of Trustees, IIUC, & Chairman, Female Academic Zone, IIUC, delivering speech in the stall opening ceremony of CCE FEST 2022.

I appreciate your interest in the Department of CCE at IIUC.

History of Dept. of CCE

Department of Computer and Communication Engineering (CCE) at the International Islamic University Chittagong (IIUC) started in 1999. The CCE department was one of the departments where the university was established. This department was accredited by the University Grants Commission (UGC) and the first IEB-certified program at IIUC.

From 1999 to 2010, the CCE department was running at the IIUC City Campus. Later, due to the transfer from the City Campus to the Kumira Campus, the admission program of the CCE Department was postponed from 2010 to 2018. At this time, almost 22 batches (382 students) had completed their graduation from the CCE department at the university.

The journey started again with the 23rd batch of the CCE department, with 39 students in the spring 2019 semester. In continuation, the 1st batch of female students of the CCE department started in the spring 2022 semester with the objective of women's education and current era job market impact. The current CCE department has 8 semesters running for males and 4 semesters running for female students. There are more than 400 students in the CCE department.

It should be noted that all students who graduated from the CCE department by 2010 are senior officers of tech giants, universities, banks, telecommunications, etc. sectors in the country and abroad. More information is available from the CCE Alumni Database.

About CCE Department

Department of Computer & Communication Engineering (CCE) at International Islamic University Chittagong (IIUC) marked its commencement in 1998/1999. The department of CCE at the IIUC is a center of excellence dedicated to advancing knowledge in computer engineering, communication systems, and information technology. The CCE department is an integral part of the university's commitment to providing high-quality education, fostering research, and contributing to the development of technology and engineering. This department is pivotal in preparing the next generation of engineers and professionals who will shape the future of computer science, communication systems, artificial intelligence, cyber security, and information technology.

The department offers rigorous academic programs that



Fig 4 : Prof. Anwarul Azim Arif the Honorable Vice Chancellor, IIUC delivering speech in the Seminar on the Worldwide impact of Computer & Communication Engineering, AI and Big Data on 4IR, organized by CCE Club IIUC & CCE Club Female Chapter IIUC.



Fig 5 : Mrs. Rizia Sultana Chowdhury, the Honorable Member, Board of Trustees, IIUC, & Chairman, Female Academic Zone, IIUC delivering speech in the Seminar on the Worldwide impact of Computer & Communication Engineering, AI and Big Data on 4IR, organized by CCE Club IIUC & CCE Club Female Chapter IIUC.



Fig 6 : A view of Inaugural Ceremony of CCE FEST 2022



Fig 7 : The Winners of the CCE FEST 2022

blend theory with practical experience. Students are provided with a comprehensive computer engineering and communication systems education, equipping them with the skills and knowledge necessary to excel in their careers.

The heart of the CCE department is its distinguished faculty members, who possess expertise in various areas. Their research contributions, coupled with their commitment to teaching, inspire our students and ensure the relevance of the curriculum.

To maintain modern and well-equipped laboratories that allow students to gain hands-on experience with cutting-edge technology. These labs are hubs for research, innovation, and experimentation, fostering creativity and problem-solving skills.

The department places a strong emphasis on research activities. Faculty and students are encouraged to engage in research projects exploring emerging computer engineering and communication systems trends. The research contributes to technological advancements and addresses real-world challenges. The CCE Dept. has established partnerships with industry leaders, allowing students to engage in internships, cooperative education programs, and research projects. These collaborations bridge the gap between academia and industries, ensuring our graduates are well-prepared for the job market.

To complement their academic experience, students can join engineering-related clubs and organizations. These groups provide a platform for personal and professional development, foster a sense of community, and organize events, competitions, and workshops.

The CCE department actively engages with the local community through outreach programs, workshops, seminars, and public lectures through the CCE Club & CCE Club Female Chapter. Aim to disseminate knowledge and promote technological literacy among the broader population.

Graduates of the Computer and Communication Engineering department at IIUC Chittagong are in high demand across various sectors, including telecommunications, information technology, cybersecurity, and more. They have technical proficiency, problem-solving skills, and a solid foundation to excel in their careers.

At the International Islamic University Chittagong, the Computer and Communication Engineering Department is at the forefront of technological advancements. Take pride in nurturing talent, fostering innovation, and shaping future engineers and leaders in the rapidly evolving fields of computer engineering and communication systems. Our commitment to academic excel-



Fig 8 : A Crest as a token of honor is given to Dr. Jia Uddin, Professor, AI and Big Data Department e, Woosong University, Daejeon, Korea, Ex-Student, CCE.



Fig 9 : Dr. Mohammed Saifuddin, Assistant Professor, Dept. of CCE, received token of horon for Best Research Award 2023.



Fig 10 : CCE Club Female Chapter, Dept. of CCE, received 2nd Runner Up Prize at Awareness Rally 2023.



Fig 11 : IIUC CCE Alumni Visit the department at 25th Anniversary of IIUC 2022

lence, research, and community engagement ensures we continue contributing significantly to the technology and engineering world.

Vision of the Department

The vision of the department is to produce globally competitive and socially sensitized Engineering graduates and to establish the department as a center of excellence by bringing out the professional competence in the core areas of Computer and Communication Engineering also becoming one of the best departments in the South East Asia.

Mission of the Department

The mission of the department is to produce, through the pursuit of education, properly trained up and ethically sound manpower in the field of Computer and Communication Engineering to contribute to the socio-economic development and moral upliftment of the society and to cultivate in our student's an ability to think independently beyond their areas of study, so that they can sustain justice in all walks of life.

Mission Statements

- M1: Properly Trained up Manpower.
- M2: Contribute to Socio-economic Development.
- M3: Ethically Sound.
- M4: Ability to Think Independently.
- M5: Sustain Justice in all Walks of Life.

Objective of the CCE Department

1. To deliver a rigorous and up-to-date curriculum that covers the core principles, theories, and practical applications of computer and communication engineering.
2. To create and offer a conducive environment for safe learning and quality teaching.
3. To foster the development of technical, analytical, problem-solving, and communication skills among students.
4. To promote research, innovation, and the development of cutting-edge technologies in the field of computer and communication engineering.
5. To ensure that the curriculum aligns with industry needs and standards, preparing students for successful public and private careers.
6. To instil ethical and professional standards in students, emphasizing the responsible and ethical use of technology.



Fig 12 : A view of the Workshop on "How IoT Change Our Ways of Life" organized by CCE Club IIUC & CCE Club Female Chapter IIUC.



Fig 13 : A view of Inter Department Programming Contest 2022



Fig 14 : A view of Inter Semester Poster Presentation Competition 2022



Fig 15 : A view of Tech & Soft Skill Development Program 2023, CCE Club Female Chapter



Fig 16 : Winners of the Inter Semester Football Tournament 2023

7. To ensure that the curriculum aligns with

'industry needs and standards, preparing students for successful public and private careers.

Salient Features of the CCE Department

- Excellent labs and state-of-art infrastructure.
- Experienced and learned Faculty Members.
- Advanced and comprehensive course curriculum.
- Impart learning through practical lab sessions and projects.
- Flexibility and diversity in electives.
- Realistic approach towards market demands and industrial needs.
- Focus on innovation and research.

Areas of Research & Specialization of the CCE Department

- Deep Learning/Machine Learning, Artificial Intelligence, Intelligent Information Systems
- Algorithms, Block chain
- Cloud Computing, Fuzzy Systems, Neural Networks
- Internet of Things, Embedded System Design, Robotics and Control, VLSI/ULSI
- Web Technology, Internet and Web Applications
- Antenna, Microwave & RF Engineering
- Computer Networks and Data Communication, Satellite Communication
- Computer Vision, Human-Computer Interaction
- Information Security, Cryptography and Network Security, Security and Information Assurance
- Data Mining/Data Analytics, Database Systems
- Digital Signal and Image Processing
- Software Engineering, E-Commerce and E-Governance, Gaming
- Pattern Recognition/Tracking
- Wireless and Mobile Communication, Wireless Sensor Networks

Job Sector of CCE Graduate

Graduates with a degree in Computer and Communication Engineering have a wide range of job opportunities across various sectors. Here's a list of potential job sectors where these graduates can find employment:

Information Technology (IT) and Software Companies:

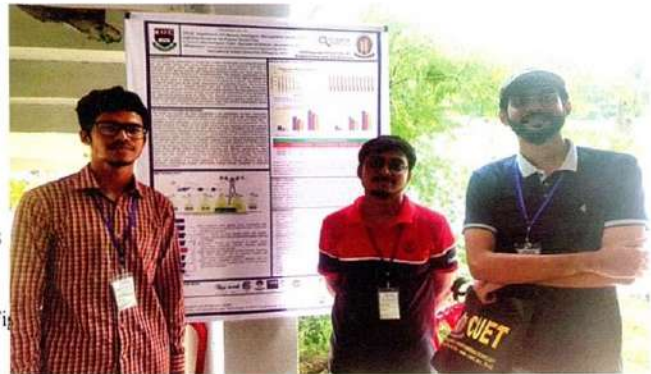
- Software Development
- Web Development
- Mobile App Development
- Quality Assurance and Testing
- Database Administration

Telecommunications:

- Telecommunications Engineering
- Network Administration
- Wireless Communication



Fig 17 : Inter University Mobile Apps & Game Development Competition 2023, IIUC TECH FEST 2023



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Fig 18 : A view of the CCE Student participant at the 1st Research Fair, CUET



Fig 19 : A view of Class Ending Day of CCE 23rd Batch



Fig 20 : A view of male Iftar Program 2023 organized by CCE Club IIUC

- Wireless Communication
- Satellite Communication

Cyber security:

- Cyber security Analyst
- Information Security Officer
- Ethical Hacking and Penetration Testing

Government and Public Sector:

- Government IT Projects
- Defence and Security Systems
- Public Service IT Infrastructure

Educational Institutions:

- Teaching and Research in Universities and Colleges
- Educational Technology (EdTech)
- Research and Development (R&D)

Data Science and Analytics:

- Data Analyst
- Data Scientist
- Business Intelligence

Robotics and Automation:

- Robotics Engineering
- Automation and Control Systems

Healthcare:

- Health Information Technology (Health IT)
- Medical Device Engineering
- Hospital Information Systems

E-commerce and Retail:

- E-commerce Platforms
- Supply Chain Management
- Data Analytics for Retail

Media and Entertainment:

- Media Technology
- Video Streaming Services
- Gaming Industry

Aerospace and Aviation:

- Avionics Engineering
- Air Traffic Control Systems

Automotive Industry:

- Automotive Electronics
- Vehicle Communication Systems

Energy and Utilities:

- Smart Grid Technology
- Power System Automation

Environmental Engineering:

- Environmental Monitoring Systems
- Climate Change Mitigation Technology



Fig 21 : A view of female Iftar Program 2023 organized by CCE Club Female Chapter IIUC



Fig 22 : A view of male Study Tour 2023 Saint Martin organized by CCE Club IIUC



Fig 23 : A view of female Study Tour 2023 Kaptai Lake organized by CCE Club Female Chapter IIUC

Manufacturing:

- Industrial Automation
- Process Control Systems
- Quality Control
- Agriculture Technology

Freelancing and Entrepreneurship:

- Founding Tech Start ups
- Offering freelance services in various tech domains

Consulting Services:

- IT Consultancy
- Management Consulting
- Cyber security Consulting

Non-Governmental Organizations (NGOs):

- Information Systems for NGOs
- Disaster Relief Communication

Customer Support and Service:

- Customer Support for Tech Companies
- IT Service Management

Real Estate and Construction:

- Building Automation
- Smart Home Systems

Renewable Energy and Green Technology:

- Solar Power Systems
- Green Building Technology

Computer and Communication Engineering graduates possess a versatile skill set that allows them to adapt to various industries, making them valuable in an ever-changing technological landscape. The specific job roles and opportunities within each sector may vary, but these graduates often find rewarding careers with opportunities for growth and advancement.

Departmental Student Club (CCE Club & CCE Club Female Chapter):

The department has an active student club named "CCE Club" in both male and female academic zone. The

primary mission is to liaise between the students and the department. The core idea is to help the tutees recognize the steps they should take to establish a career and build a skill set outside of academics. The CCE Club is a well-organized club run by students under the active supervision of teachers. The club arranges seminars and workshops.

Moreover, it organizes numerous technical and competitive events, including Programming Contests, Math Olympiads, Idea Generation Competition, Poster Presentation, Project Showcasing Competition, Embedded Design Challenge, Soccer Bot Challenge, etc. The club also arranges CCE Fest, Iftar Mahfil, Study Tour, Fresher's Reception, Farewell Ceremony, and Charity Week. It hosts indoor and outdoor games like Carom, Chess, Cricket Tournament, Football Tournament, Cultural Program, etc. In addition, the CCE Club also participates in various social and humanitarian activities, such as the distribution of winter clothing among the unprivileged people, Blood Donation, and distribution of food among casualties, etc. Each year, this club participates in the Tech Fest / IEEE ICISSET Conference, where all departments of the Faculty of Science & Engineering, IIUC and participants from other universities also participate.

Present strength of CCE Dept.

| Particulars | Male | Female | Total |
|---|------------------------|------------------------|-------|
| Number of Section | 9 | 7 | 16 |
| Number of Student | 297 | 143 | 440 |
| Basic Computer & Programming Lab | 1 | 0 | 1 |
| Artificial Intelligent & Machine Learning Lab | 1 | 0 | 1 |
| Basic Circuit & Electronic Lab | 1 (Shared with others) | 1 (Shared with others) | 2 |
| Physics Lab | 1 (Shared with others) | 1 (Shared with others) | 2 |
| Telecommunication Lab | 1 (Shared with others) | 0 | 1 |
| Number of Class Room | 8 | 4 | 12 |
| Number of Prayer Room | 1 | 1 | 2 |
| Number of Common Room | 1 | 0 | 1 |
| Number of CCE Club's Room | 1 | 1 | 2 |
| Number of Store Room | 2 | 1 | 3 |
| Number of Office Room | 2 | 1 | 3 |
| Number of Regular Teacher | 8 | 2 | 10 |
| Number of Staff | 5 | 2 | 7 |

| | |
|------------------|--|
| Other Facilities | <ul style="list-style-type: none"> ➤ Excellent labs and state-of-art infrastructure. ➤ Experienced and learned Faculty Members. ➤ Advanced and comprehensive course curriculum. ➤ Impart learning through practical lab sessions and projects. ➤ Flexibility and diversity in electives. ➤ Realistic approach towards market demands and industrial needs. |
|------------------|--|

Some of the Highlighted Achievements are:

| Year | Competition / Program | Host | Event / Category | Position |
|------|------------------------------------|--------------------|---|---|
| 2023 | Tech Fest 2023 | IIUC | Intra University Poster Presentation | 2 nd Position 3 rd Position Best Emergence Poster Award |
| | | | Inter University Mobile Games and App Development | Champion |
| | | | Inter-University Math Olympiad (Group Beta) | 3 rd Position |
| 2023 | Tech Fest 2023 | IIUC | Documentary Film Competition | Champion |
| | | | Intra-University Cyber Games | Runner-Up (NFS) 2 nd Position (Ludu) |
| 2023 | Inter Department Debate Tournament | Dept. of ELL, IIUC | Debate Tournament | Runners Up |
| 2023 | Awareness Rally 2023 | IIUC | Awareness Rally | 2 nd Runner-Up |
| 2022 | CSE Fest | Dept. of CSE, IIUC | Gaming Contest (Memory Test) | 1 st Position |

The Activity of CCE Club & CCE Club Female Chapter IIUC are listed in table

| SL. No | Event Name | Date | Keynote Speaker / Chief Guest |
|--------|--|--------------------|---|
| 01 | Freshers' Reception Program for Spring 2022 | January, 9, 2022 | Chief Guest Prof. Engr. Md Razu Ahmed; Chairman and Professor, Department of Computer & Communication Engineering, IIUC |
| 02 | CCE Inter Semester Short Pitch Cricket Tournament 2022 | January, 20, 2022 | Chief Guest Prof. Engr. Md Razu Ahmed; Chairman and Professor, Department of Computer & Communication Engineering, IIUC |
| 03 | Seminar On Career Guidance | February, 02, 2022 | Chief Guest Prof. Engr. Md Razu Ahmed; Chairman and Professor, Department of CCE, IIUC |

| | | | |
|----|--|---------------------------|---|
| 03 | Seminar On Career Guidance | February, 02, 2022 | Resource Person: Mohammed Hasan Mahmud Iqbal; Ex- CCE student, CCE - 19th batch; Assistant Manager, IT; KSRM Group Tauseef Emraj Shehan; Ex-CCE student, CCE 19th batch; Deputy Manager, IT; Meghna Group of Industries |
| 04 | CCE Club Presents Inter-Semester Programming Contest, 2022 | March, 28, 2022 | Chief Guest Prof. Engr. Md Razu Ahmed; Chairman and Professor, Department of CCE, IIUC |
| 05 | Cyber Security and Graphics Design Program | April, 7 – 8, 2022 | Chief Guest Prof. Engr. Md Razu Ahmed; Chairman and Professor, Department of CCE, IIUC Resource Person Rafsan Anwar, Cyber Security Specialist Syed Tanvir Chowdhury, Faculty Member, Creative IT Institute |
| 06 | Iftar Mahfil 2022 | April, 20, 2022 | Chief Guest Prof. Engr. Md Razu Ahmed; Chairman and Professor, Department of CCE, IIUC |
| 07 | CV Writing Workshop in association with CCE CLUB | September, 30, 2022 | Chief Guest Prof. Engr. Md Razu Ahmed; Chairman and Professor, Department of CCE, IIUC Resource Person Rasheed Foysal Ruheen, Edvoy |
| 08 | Workshop on "How IoT Change Our Ways of Life" | Time: 5th & 6th Nov, 2022 | Chief Guest Prof. Engr. Md Razu Ahmed; Chairman and Professor, Department of CCE, IIUC Resource Person Syed Mainul Hasan Eshan, CEO, mpair Technology Ltd. |
| 09 | CCE Olympiad | November, 07, 2022 | Chief Guest Dr. Md. Shamimul Haque Choudhury Dean, Faculty of Science & Engineering, IIUC |
| 10 | Inter -Department Programming Contest | November, 08, 2022 | Chief Guest Dr. Md. Shamimul Haque Choudhury Dean, Faculty of Science & Engineering, IIUC |
| 11 | Inter - Semester Idea Generation Competition | November, 09, 2022 | Chief Guest Dr. Md. Shamimul Haque Choudhury Dean, Faculty of Science & Engineering, IIUC |
| 12 | Workshop on Video Editing | November, 10, 2022 | Chief Guest Dr. Md. Shamimul Haque Choudhury Dean, Faculty of Science & Engineering, IIUC Resource Person Faculty Member, Shikhun Academy |

| | | | |
|----|--|---------------------|--|
| 13 | CCE Fest 2022 | November, 12, 2022 | Chief Guest Prof. Dr. Abu Reza Md. Nezamuddin Nadwi, MP Honorable Chairman, Board of Trustees, IIUC |
| 14 | View Exchange Program with the Freshers Spring - 23 | December, 17, 2022 | Chief Guest Dr. Md. Shamimul Haque Choudhury Dean, Faculty of Science & Engineering, IIUC |
| 15 | Seminar on the Worldwide impact of CCE, AI and Big Data on 4IR | January, 09, 2023 | Chief Guest Prof. Anwarul Azim Arif, Honorable Vice Chancellor, IIUC Guest of Honor Mrs. Rizia Sultana Chowdhury, Member, Board of Trustees, IIUC, Dr. Md. Shamimul Haque Choudhury Dean, Faculty of Science & Engineering, IIUC Resource Person Dr Jia Uddin Professor in AI and Big Data Department, at Endicott College, Woosong University, Korea |
| 16 | Study Tour 2023 Saint Martin organized by CCE CLUB, IIUC | February, 05, 2023 | |
| 17 | Study Tour 2023 Kaptai Lake organized by CCE CLUB Female Chapter, IIUC | February, 11, 2023 | |
| 18 | Iftar Program 2023 | April, 04, 2023 | |
| 19 | Workshop on Robo Soccer and Embedded System | September, 09, 2023 | Chief Guest Prof. Engr. Md Razu Ahmed; Chairman and Professor, Department of CCE, IIUC Resource Person Mohammad Golam Mortuza Senior Executive (R&D - IT), AZ NEO LIMITED Zia Uddin Ahmed Software Engineer, Panacea PLT, Md. Nafis Sadik Junior Executive, R&D – IT (IoT & AI Lab), AZ NEO LIMITED |
| 20 | Seminar on Tech & Soft Skill Development Program | September, 10, 2023 | Chief Guest Prof. Engr. Md Razu Ahmed; Chairman and Professor, Department of CCE, IIUC Resource Person Engr. Md. Humayun Kabir Instructor, Erevo Technology Ltd. & NVIT Ltd. |



A Short Note on Dept. of Civil Engineering (CE)

By

Prof. Dr. Engr. Muhammad Abu Eusuf, PEng
Chairman, Department of Civil Engineering, IIUC

Introduction

Department of Civil Engineering was introduced from Spring-2021 after due approval of the University Grants Commission (UGC) of Bangladesh. The Department of Civil Engineering offers a four-year Bachelor of Science in Civil Engineering. Each academic year comprises of two semesters, Spring Semester and Autumn Semester.

The department has a distinguished tradition of excellence in teaching and research practice. It brings together leading staff, exceptional students and state-of-the-art facilities.

This program provides a solid foundation for practice in both classical and newly developing areas of civil engineering including structural analysis and design; engineering materials; geotechnical analysis and design; sustainable built environments; and transportation and logistics. It provides a solid foundation for graduate studies.

We focus on interactions between the built environment and the natural world and recognize that civil engineering are crucial to meeting the major challenges faced by society; including climate change, economic recovery, growing population and urbanization, sustainable transport, environmental quality and infrastructure ageing and resilience etc.

History and Continuous Development of the Department

Since the inception in 2021 within a short span, the department of civil engineering has established a suite of advanced laboratories that collectively equip students with the expertise and hands-on abilities required to excel in the realm of civil engineering, making substantial contributions to the creation of secure and sustainable infrastructure. This lab is crucial for studying the properties of materials used in construction. There is an Engineering Materials Lab, which helps in selecting appropriate materials to ensure the longevity and safety of structures. A Fluid Mechanics Lab, which aids in analyzing fluid flow in civil engineering applications. There is a Solid Mechanics Lab, which is essential for analyzing and



Fig 1 : Prof. Dr. Engr. Muhammad Abu Eusuf, The Chairman of Department of Civil Engineering, welcomes University Grant Commission (UGC) visitors to the department for inspection.



Fig 2 : Prof. Dr. Engr. Muhammad Abu Eusuf, The Chairman of Department of Civil Engineering, conducts closing meeting with UGC visitors after inspection at Civil Engineering department after inspection.



Fig 3 : Dr. Md. Shafiqul Islam Aziz, Assistant Professor, Department of Civil Engineering, IIUC is presenting seminar on Teaching and Learning at Higher Education.

designing structures. This lab is instrumental in understanding the behavior of materials under various loads and conditions. Also, there is an Open Channel Flow Lab, which is essential for hydraulic engineering, including the design of canals, rivers, and storm-water systems. The Department of Civil Engineering also has a Transportation Engineering Lab, which is significant for the planning and designing of transportation networks, including roads, highways, and railways. It aids in traffic analysis and safety studies. With a growing focus on environmental sustainability, The Environmental Engineering lab under this department plays a vital role in analyzing and mitigating the environmental impact of civil engineering projects, such as wastewater treatment and pollution control. Accurate surveying is essential for proper land development and construction. Surveying lab provides the skills and tools needed to carry out precise measurements. Geotechnical engineering is vital for understanding the behavior of soil and rock in construction. The Geotechnical Engineering Lab (under development) likely focuses on specific aspects, such as soil testing or foundation design. Besides, there is a Drawing Lab to develop drawing and design skills for creating blueprints and plans and a Computer Lab which equips students with software tools for creating, analyzing, and simulating civil engineering projects. There is a big workshop consisting of a carpentry, iron and welding shop under the Department of Civil Engineering, which helps enhance students' knowledge and practical skills.

Mission

The mission of the Civil Engineering program is to offer the strong academic program needed to produce well-educated students who can become productive members of the Civil Engineering profession. This mission is consistent with the academic component of the University's mission, which is in part to provide a strong academic program in engineering.

Objectives

The Objective of the undergraduate Civil Engineering program is to install in IIUC graduates the knowledge, skills, attitude, and ethical values necessary to be successful practitioners who are able to impart positive social impacts at the state, regional, national, and international levels. Additionally, IIUC seek to provide the necessary academic background for Civil Engineering graduates pursuing advanced degrees.



Fig 4 : Mr Shamim Ahmed, Lecturer of Civil Engineering Department is with the winner team of the inter semester cricket tournament at Civil Engineering Department, IIUC



Fig 5 : Prize giving ceremony of inter semester cricket tournament at Civil Engineering department.



Fig 6 : Prize giving ceremony of inter semester cricket tournament at Civil Engineering Department



Fig 7 : Group Photo of players at prize giving ceremony of Inter semester cricket tournament at Civil Engineering Department

Job Prospects of Civil Engineering Graduates in Bangladesh

Civil Engineering has the brightest future in Bangladesh for its huge opportunities of jobs both in private and government sectors. Remember in any developing country, the demand of building and re-building infrastructure is very high. So, huge amount of CE (Civil Engineering) graduates are needed.

Civil engineering is gaining more importance in the world today, as there is an increasing need for buildings and structures to be constructed. Civil Engineering takes place in the public sector from municipal through to national governments, and in the private sector from individual homeowners through to international companies. As such, the career prospects for Civil Engineers are very bright. Recently Bangladesh has fulfilled the requirements of developing country and would be elevated to as a developing country, definitely it will be required to develop the infrastructures and facilities of the country and this will create new scopes of jobs for Civil Engineers. Already a number of mega projects have been launched such as Rooppur Nuclear Power Plant, Padma Bridge, Metro Rail, Paira Sea Port and LNG terminal etc. and other new projects are in the pipeline. A career in Civil Engineering can be very challenging, but it promises great rewards. Therefore, in the current scenario of higher education, Civil Engineering has become one of the most important areas of science and engineering education.

A very specialized area in civil engineering is environmental engineering. Environmental engineers are employed in all industrial settings for providing engineering measures to mitigate environmental pollution and comply with the obligation of Environmental regulation of the government. Obtaining Environmental permits by conducting Environmental Examination and developing Environmental Management Plan (EMP), planning installation and operation of Effluent treatment plant, drinking and industrial process water treatment plant, air pollution control system, Sewage treatment plant, and solid waste disposal facilities are some of the jobs every industry has for environmental engineers. Environmental engineers also have huge opportunities for higher study and research throughout the world.

UGC Inspection Team at CE, IIUC

The officials of UGC visited the Department of Civil Engineering on 24th December 2022. The team was constituted with the Professor Dr. Swapan Kumar Palit, Department of Civil Engineering, Chittagong University of Engineering & Technology (CUET) as the Convener of the Committee whereas Mr. Md. Shariful Islam, Senior Assistant Director of the UGC was the Member Secretary of the Committee.



Fig 8 : Group Photo of players at Inter semester cricket tournament at Civil Engineering Department



Fig 9 : Group Photo of Inter semester cricket tournament at Civil Engineering Department



Fig 10 : Group photo of IIUC tech fest 2023 at Civil Engineering department



Fig 11 : Group photo of IIUC tech fest 2023 at Civil Engineering department

Mechanics Olympiad held at CE at IIUC TECH-FEST-2023

Mechanics Olympiad was held for the first time under the organization of FSE & Department of Civil Engineering, International Islamic University Chittagong under the management of Civil Engineering Club. The Olympiad started on 25 September 2023 with the participation of students of Civil Engineering Department.

Present strength of the dept.

| Particulars | Numbers |
|---|---------|
| Number of Regular teachers | 5 |
| Number of teachers with foreign PhD or MS | 3 |
| Number of Adjunct teachers | 2 |
| Number of Staff | 5 |
| Number of Students | 130 |
| Number of batch | 6 |
| Number of Laboratory | 9 |
| Number of Class Room | 6 |
| Number of Prayer Room | 1 |
| Number of Office Room | 2 |

Civil Engineering Club Activities

| Name of the event | Date | Participants |
|-------------------------------|------------|--|
| Intra Dept Cricket Tournament | 01-02-2023 | In opening match a total of 5 teams participated in it |
| Intra Dept Cricket Tournament | 04-02-2023 | Team Pyramid Triton and the Concrete met the Final match |

Conference/ Seminar/Symposium/Workshop/ Research Work: presented by the Faculty Members

- Muhammad Abu Eusuf, Md. Shamim Ahmed, Sumaiya Khair, "A Study on the Effective Use of Technology as an Alternative Communication System During All Types of Catastrophes: From a Sustainable Perspective" APQN Academic Conference 2023, November 02 -04, AIUB, Dhaka, Bangladesh
- Muhammad Abu Eusuf, Md. Shamim Ahmed, M. S. R. Eusuf, "A conceptual framework for digital library and that apply to the engineering education at higher learning institution." Khulna University Studies, 2022, pp: 332-338.
- Muhammad Abu Eusuf, Md. Shamim Ahmed, M. S. R. Eusuf, W. M. Noor, "Probabilistic indicators for the assessment of structural characteristics and understanding professional ethics: A multi- dimensional approach", International Conference on Innovations in Science, Engineering and Technology 2022 (ICISSET 2022), February 25-28, IIUC, Chattogram, Bangladesh
- Shafiqul Islam Aziz, "Teaching & Learning at Higher Education", Seminar at IIUC, January 17, 2023
- Shafiqul Islam Aziz, "Development of Training Module for Environmental Awareness of with Immigrants with multicultural backgrounds for mitigation of Environmental Pollution and Climate Change", Workshop held in Portugal Multicultural Academy, at Lisbon, Portugal, March 20, 2023
- Shafiqul Islam Aziz "Leveraging Artificial Intelligence to reduce air pollution in Bangladesh" Workshop organized by Department of Environment, Government of Bangladesh at Poribesh Bhabhan, Dhaka, Bangladesh, February 13, 2023
- Shafiqul Islam Aziz, "Need analysis of the following two projects at SPARSO, 1) Design, Analysis and simulation of an ML-based Remote sensing device and antenna System, 2) Satellite Space Mission Orbital Simulation" Workshop organized by Space and Remote Sensing Organization (SPARSO), Ministry of Defense, Agargaon, Ser-e Bangla Nogar, Dhaka, Bangladesh, February 20, 2023
- Shafiqul Islam Aziz, "Safe and Environmentally Friendly Ship Recycling (SENSRECI) in Bangladesh", Workshop organized by Ministry of Industries, Government of Bangladesh and International Maritime Organization at Pan Pacific Sonargaon, Dhaka, November, 08, 2023



A Short Note on Dept. of Electrical and Electronic Engineering (EEE)

By

Dr. Yasir Arafat

Associate Professor & Chairman, EEE, IIUC

Introduction

Welcome to the dynamic world of Electrical and Electronic Engineering (EEE) at International Islamic University of Chittagong (IIUC). As we embark on a journey into the world of cutting-edge technology, the EEE department stands as a pillar of excellence. Our department encompasses a spectrum of thrilling technologies, from electronics and power systems to robotics and artificial intelligence. These disciplines, among the fastest-growing and most challenging, serve as the bedrock of our modern society's technological landscape.

At EEE, we are committed to empowering students with the skills and knowledge needed to drive technological advancements. Our dedicated faculty guides students through a comprehensive curriculum, blending theory with hands-on experience. The EEE department is not merely an institution of learning; it is a gateway to shaping the future of electrical and electronic engineering.

Welcome to the EEE department – where learning meets innovation, and where the future of electrical and electronic engineering begins. Join us in shaping the future of electrical and electronic engineering.

History of the EEE Department

- The EEE department commenced its journey in the spring of 2006, at former Dhaka campus of IIUC, Dhaka, for both male and female students.
- In the following year, during the spring of 2007, the EEE department initiated its journey at the city campus in Chittagong for male students
- A significant transformation took place in the spring of 2009 when the EEE department moved to the permanent campus of IIUC which is situated in Kumira, Chittagong.
- The EEE program in the Dhaka campus concluded gracefully in the spring of 2016.
- A significant milestone unfolded in the spring of 2017 with the inauguration of the EEE Female section at the permanent campus.
- Twenty-six batches have already graduated from the EEE department, and the 34th batch has recently become part of the community
- Presently, there are approximately 1000 students enrolled in this department.

About B.Sc. Engineering program of EEE Department

Completing the B. Sc. Engg (EEE) program at the International Islamic University Chittagong typically takes four academic years, equivalent to 8 semesters. Each academic year is divided into two Semesters: the Spring Semester (January-June) and the Autumn Semester (July-December), each lasting 15 weeks ($5 \times 15 = 75$ working days). A Mid-term Examination is conducted after 6 weeks of classes. Following the Mid-term examination and 9 weeks of classes, a Semester-end examination is held at the end of each semester. To graduate, a student must undertake and complete a total of 162 credit hours during the 8 semesters.

Students have the option to expedite their graduation by registering for a higher number of courses during regular semesters, allowing them to complete their studies within at least three academic years (i.e., 6 Semesters) of regular studentship. However, a student is allowed to complete their graduation studies within a maximum of six academic years (i.e., 12 semesters).

Mission

To produce qualified EEE graduates who will be capable of academic success, ethical leadership, and social responsibility in order to prepare them for the challenges of the twenty-first century. The mission statements of the Dept. of EEE are given below:

- 1) To provide state-of-the-art resources through constructive interaction between students, faculty, industry, and community and quality education to achieve excellence in teaching-learning, research, technical skill, and socio-economic developments.
- 2) To develop professional competency and technical expertise individually and in teamwork, thereby exhibiting leadership, moral, and ethical values in the practical engineering field and society.
- 3) To develop expertise in Electrical and Electronic Engineering in order to serve the needs of the University, the nation, and the global community in terms of lifelong learning.

Vision

The goal of the Department of Electrical and Electronic Engineering is to generate highly qualified graduates and researchers with superior analytical skills and social values in order to become globally competitive in the field of electrical and electronic engineering.

Job Sector of EEE

Electrical and Electronic Engineering (EEE) graduates have a wide range of career opportunities across various industries due to the fundamental role that electrical and electronic systems play in modern society. Here are some key job sectors where EEE graduates often find employment:

1. Power and Energy:

- Power generation, transmission, and distribution
- Renewable energy systems (solar, wind, hydro)
- Energy efficiency and management

2. Electronics and Telecommunications:

- Circuit design and fabrication
- Telecommunications and network engineering
- Consumer electronics and semiconductor industries

3. Automation and Control Systems:

- Industrial automation and control
- Robotics engineering
- Process control in manufacturing

4. Information Technology (IT) and Software:

- Embedded systems development
- Software engineering with a focus on hardware integration
- Internet of Things (IoT) applications

5. Aerospace and Defense:

- Avionics engineering
- Radar and communication systems for defense applications

6. Biomedical Engineering:

- Medical device design and development
- Biomedical instrumentation

7. Consulting and Services:

- Engineering consulting firms
- Technical services and support roles

8. Research and Development:

- Scientific research in academia or research institutions
- R&D positions in technology companies

9. Construction and Building Services:

- Electrical design and implementation for buildings
- Building automation systems

10. Entrepreneurship and Startups:

- Founding or working in startups focused on innovative technologies
- Developing new products or services in the tech sector

Departmental Student Club (EEE Club)

The EEE Club, affiliated with the EEE Department at IIUC, is a nonprofit organization supporting extracurricular activities related to EEE. It serves as a platform for students and faculty to advance technology through research and academic practices. The club fosters moral ethics, transcending cultural differences, to contribute to the nation's social and engineering welfare while bridging the gap between professionals and EEE graduates. The EEE Club, active in both the male and female academic zones, is a well-organized student-run organization under teacher supervision. It hosts seminars, workshops, technical competitions (e.g., Circuit Solution, Math Olympiad), creative contests (e.g., Idea Generation, Project Showcasing), and challenges (e.g., Embedded Design, Soccer Bot).

Additionally, the club arranges study tours, rallies, fresher's receptions, farewell ceremonies, and indoor/outdoor games like carom, chess, cricket, and football tournaments. They also organize cultural programs.

Moreover, the EEE Club is involved in social and humanitarian activities such as distributing winter clothing to the underprivileged, participating in blood donation drives, and providing food to those in need. Annually, the club participates in the Tech Fest/IT Festival, where it engages with other departments within the Faculty of Science & Engineering at IIUC and participants from other universities.

Departmental Strength

Enter the Electrical and Electronics Engineering Department at IIUC, where invention ignites, and diversity electrify, and the future takes shape like nowhere else on campus. With a commitment to innovation, a nurturing environment, and a legacy of excellence, the EEE department continues to produce graduates who are poised to tackle the world's most pressing challenges.

At present, 1 professor, 7 associate professors, 10 PhD degree holders and a total of 42 skilled, creative, responsible teachers are involved in the management of departmental education programs. Interactive class, Lab facilities, Co-curricular activities, also teaching in separate female academic zones for female students etc. have made this department incomparable. In addition to textbook based studies, there are a total of 12 Well-Equipped Labs, Research Opportunities, and modern Computer Facilities that provide students with hands-on experience, enabling them to put theory into practice. A part from the central library of the university, this department has a separate seminar library and prayer facilities. The EEE department has an Innovative Research Facility, Experienced Faculty, State-of-the-Art Facilities, Diverse Curriculum, Strong Alumni Network, Interdisciplinary Opportunities, and Career Opportunities etc.

It is no wonder that this department continues to shine brightly on both the national and global stage. As it moves forward, it promises to illuminate the path for generations to come.

Summary of some events organized by EEE CLUB

Seminars on PLC & Industrial Automation

Seminars on Programmable Logic Controllers (PLC) and Industrial Automation are essential for professionals, engineers, and students in automation and control systems. These seminars can cover a wide range of topics related to PLCs (Programmable Logic Controllers), automation technologies, and their applications in various industries. A seminar on PLC & Industrial Automation organized by EEE CLUB, IIUC, was held on 25 May 2022 at the central auditorium, IIUC.



Orientation program Autumn-2022

An orientation program for fresh Electrical and Electronic Engineering (EEE) students is crucial to help them get acclimated to the department, university, and the field of electrical and electronic engineering. Orientation program of Autumn 2022 was held on 22nd October in the Faculty of Science & Engineering. In this orientation program the keynote speaker was the dean of Faculty of Science & Engineering Dr Md. Shamimul Haque Choudhury and chair was the chairman of EEE dept. Dr. Sikder Sunbeam Islam.



EEE Fest

An "EEE Fest" in an engineering university typically refers to an annual or periodic event organized by the Electrical and Electronic Engineering (EEE) department or student organizations within the department. It serves as a platform to display and celebrate the achievements, talents, and innovations of students and faculty members in Electrical and Electronic Engineering. The EEE Fest Autumn 2021 was held on 6th – 7th August, 2022 and in this event the chief guest was Dr. Akter Sayed (Ex-dean, Faculty of Science and Engineering). There were 6 events in this fest.

1. Circuit Solution
2. Idea Generation
3. Project Showcase
4. Math Olympiad
5. MATLAB Coding
6. Rubik's Cube Solving



Workshop on Embedded Design and Robotics

A workshop titled “Workshop on Embedded Design & Robotics” was organized by EEE CLUB in the month of October 2022. In this event many students of the EEE department participated. Engr. MD. Mainul Hasan, Managing Director, mPair Technologies Ltd was the trainer of this workshop. The workshop was basically organized to give a basic idea about Embedded Systems and grow an interest in Robotics among the students.



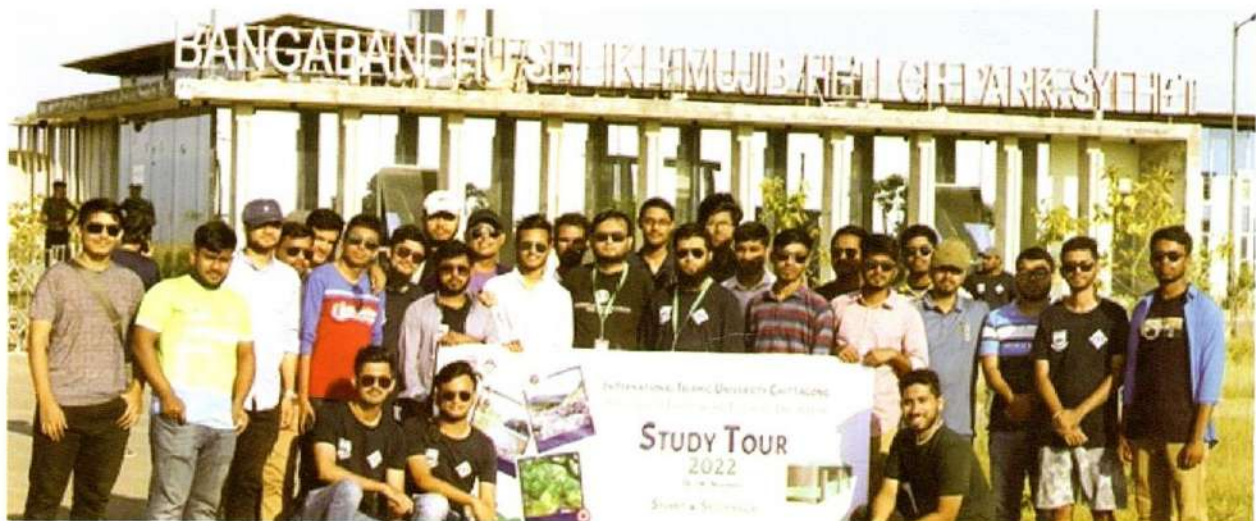
Farewell Felicitation of EEE 22nd & 23rd Batch

On October 22, 2022, the EEE Club at IIUC organized a Farewell Felicitation for the 22nd and 23rd batches at the Central Auditorium, IIUC. Prof. Dr. Mohammed Akter Sayeed, the Honorable Dean of the Faculty of Science & Engineering, was the Chief Guest, and Prof. Dr. Md. Delawer Hossain was the Special Guest. The event featured speeches from graduates, the EEE Club President, and General Secretary. The chief guest and special guest provided valuable advice, and respected EEE department teachers shared their insights. The program concluded with a speech by the Vice-President, Sayed Allamah Iqbal.



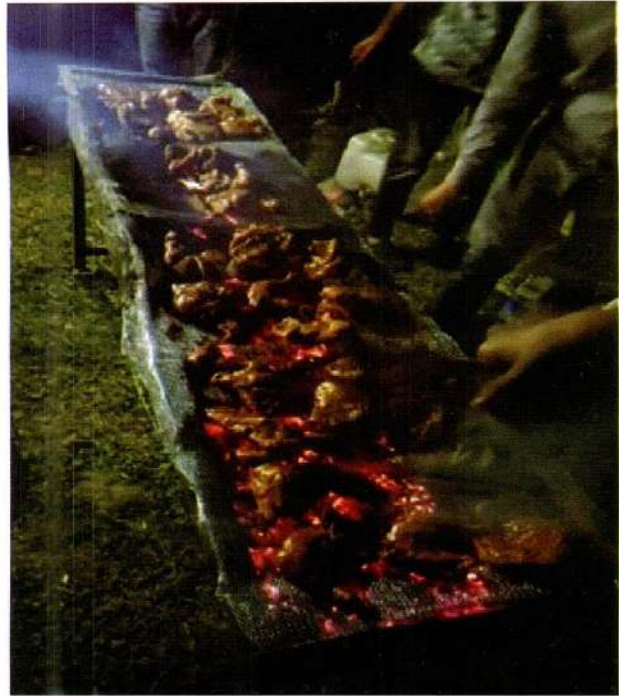
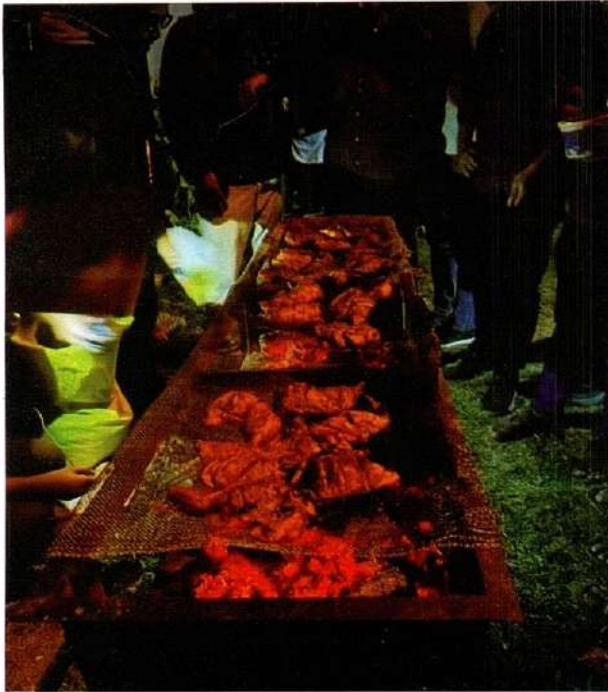
Study Tour-2022 at Sylhet & Sreemangal

A Study tour Sylhet & Sreemangal was organized by EEE CLUB, IIUC. The tour period was 14th November to 17th November 2022. In this tour there were 03 teachers and 47 students from various semesters of EEE. Respective teachers are EEE Club's President Dr. Aasim Ullah, Engr. Md. Shahid Ullah, Engr. Md. Eftekhar Alam. Our journey started from Chittagong City. Initially our respected Sir. Md. Shahid Ullah mentioned the purpose, rules, do's and don'ts during the trip. Then a briefing was given from the organizing committee members. At 10:00 pm we started our journey to Sylhet by train. journey to Sylhet by train.



BBQ Party-2023

EEE Club organized "BBQ Party-2023" on 1st February 2023. This program is to diminish the gap between Senior and Junior students. In this BBQ party, the chief guest was Dr Shamimul Haque Chowdhury, and special guest was the president of EEE club Dr Asim Ullah.



Short Pitch Cricket Tournament 2023

From February 5th to 8th, 2023, the EEE Club organized the Niaz Memorial Inter-Semester Short Pitch Cricket Tournament. This event united participants from different semesters, promoting spirited competition and camaraderie. It not only celebrated cricket but also honored Niaz Morshed's memory. The tournament, held at IIUC, commenced on February 5th with speeches by Allama Iqbal and Athar Uddin, inaugurating 27 matches played by 18 teams across four days on Playground-1 and Playground-2. Notable opening matches included Sphuron 27 vs. The Tyrants CREW and Tesla vs. Electro Vipers, engaging EEE department students. The successful tournament concluded with Taritahoto 31 (2A) emerging as the champions and Tesla 25 (8A) as the runner-up. It emphasized the value of unity and respect, fostering strong camaraderie among students and teachers. The EEE Club extended its gratitude for making the 'Niaz Memorial Inter-Semester Short Pitch Tournament 2023' vibrant and memorable.



Iftar Mahfil 2023

The EEE Club warmly invited everyone to our "Iftar Mahfil" event held on April 13, 2023, at 4:30 PM at Wind of Change (Level-8/9, 89/309, Yakub Trade Center, Bayzid Bostami Road, East Nasirabad, Chittogram). This event aimed to foster community spirit by breaking the fast together during Ramadan. It provided students and teachers a chance to connect, strengthening our community bonds while embracing Ramadan's essence. The evening promised delightful food, meaningful conversations, and a captivating atmosphere for lasting connections. Attendees were required to register in advance. Associate Professors Md Athar Uddin, Engr. Rashidul Islam, and Assistant Professor Engr. Khandaker Abdullah Al Mamun graced the event with their wisdom, inspiring all attendees and making Iftar Mahfil 2023 a memorable experience.



Seminar on Research Opportunities & Higher Studies in Japan

The May 30th, 2023 seminar at IIUC on higher education and research in Japan was a success. Japanese professors, including Dr. Ryo Maezono and Dr. Kenta Hongo from JAIST, gave insightful talks. The event also featured an emotional moment with Dr. Maezono gifting a MAC PC to a scholarship recipient. Collaboration opportunities were established, and appreciation was extended to supporters. The event concluded by inviting continued engagement with the EEE Club, promising a bright journey of knowledge and collaboration.



Flood Relief Distribution

In response to the urgent need for assistance following the devastating floods in southern part of Chittagong, our EEE Club, IIUC, initiated a dedicated flood relief program. With unwavering determination and collective efforts, we successfully organized and executed this program on 15th August, 2023. Through diligent fundraising and meticulous planning, we have provided essential relief to the 100 affected families, demonstrating our commitment to social responsibility and solidarity during times of crisis.



Workshop on Robotics on the field: Designing Soccer Bots for Victory

The EEE CLUB organized the "Robotics on the Field: Designing Soccer Bots for Victory" workshop on September 12, 2023, with trainers from Red Shawl and notable guests from IIUC. The event covered robotics insights, including Red Shawl's journey, hardware, and software essentials for Soccer Bots. Special guests included Dr. Md. Shamimul Haque Choudhury, Dean of the Faculty of Science and Engineering, and Dr. Yasir Arafat, Chairman of the Department of EEE at IIUC. Mohammad Abdul Kader, an Assistant Professor at IIUC, attended as the Guest of Honour. The workshop concluded with Dr. Md. Shamimul Haque Choudhury commended the club and presented a crest to Team Red Shawl for their valuable contributions.



Dr. Md. Shamimul Haque Choudhury, Dean of the Faculty of Science and Engineering, and Dr. Yasir Arafat, Chairman of the Department of EEE at IIUC. Mohammad Abdul Kader, an Assistant Professor at IIUC, attended as the Guest of Honour. The workshop concluded with Dr. Md. Shamimul Haque Choudhury commended the club and presented a crest to Team Red Shawl for their valuable contributions.

Inter Semester Football Tournament

On 16th September 2023, The EEE Club of IIUC hosted an exciting sporting event that sent waves of excitement and anticipation throughout the Department. The “Intra-Semester Football Tournament” was eagerly awaited and promised to be an unforgettable experience for all participants. There were 8 different teams participating from each semester of the EEE department and the tournament followed a classic knockout format, comprising 15 matches that included thrilling group stage clashes and culminated in an intense final showdown. The tournament ends in Glory for EEE 27th Batch as Champion, with EEE 30th Batch as Runners-Up.



The activities of EEE club (male) are listed in Table 1

Table 1: List of Co & Extra-Curricular Activities organized by EEE Club (Male)

| SL | Session | Event Name | Keynote speaker /Chief guest | Date | Approximate no. of participants |
|----|-------------|--|--|------------------------------|---------------------------------|
| 1. | Spring 2021 | EEE FEST Autumn 2020 | Professor Dr. Mohammed Aktar Sayeed, Ex -Dean, FSE, IIUC | 7, 8, 10th April 2021 | 350 |
| 2. | | Workshop on “Writing Research Paper in LaTeX” | Engr. Md. Abdul Kader Assistant Professor, Dept of EEE, IIUC | 18th October, 2021 | 80 |
| 3. | | Workshop on “Electrical Sub Station Design Using AutoCAD” | Engr. Mohammad Tawsiful Islam, Assistant Engineer, Engineering and Design (Electrical) | 5th November 2021 | 70 |
| 4. | | Farewell Felicitation of EEE 18th, 19th, 20th and 21th Batch | Honorable Pro Vice -Chancellor Prof. Dr. Mohammad Masrurul Mowla | 13th November 2021 | 400 |
| 5. | | The Fresher’s Reception Program Spring 2022 | Dr. Sikder Sunbeam Islam Associate Professor and Ex - Chairman, Dept of EEE, IIUC | 9th January 2022 | 150 |
| 6. | | EEE Inter Semester Short pitch cricket Tournament 2022 | Dr. Sikder Sunbeam Islam Associate Professor and Ex - Chairman, Dept of EEE, IIUC | 18th January 2022 | 200 |
| 7. | | Webinar on “Complex Engineering Problem” | Mohammed Abdul Kader Assistant Professor Dept of EEE, IIUC | 21 st March, 2022 | 150 |
| 8. | | Webinar on " Qur’an and Ramadan in the Context of Science and Technology | Dr. Mostafa Kamil, Professor, Dept. Of QGIS, IIUC | 25 th April, 2022 | 130 |

| | | | | | |
|-----|--|---|--|--|--------|
| 9. | Autumn 2021 | Seminars on PLC & Industrial Automation | Mohammad Anisul Hasan Engineer (Maintenance dept.) at BSRM Steels Limited) | 22 nd May, 2022 | 200 |
| 10. | | Orientation Program of Autumn - 2022 Session | Dr. Shamimul Haque Chowdhury Dean, FSE, IIUC | 28 th June, 2022 | 120 |
| 11. | | EEE FEST Autumn - 2021 | Prof. Dr. Mohammed Akter Sayeed Ex-dean, FSE, IIUC | 6 th - 7 th August, 2022 | 150 |
| 12. | Spring 2022 | Workshop on Embedded Design & Robotics | Instructor: Engr. Mainul Hasan | 15 th - 16 th October 2022 | 45 |
| 13. | | Farewell Feliciation of EEE 22 nd & 23 rd Batch | Prof. Dr. Mohammad Akter Sayeed (Honorable Dean of FSE) Prof. Dr. Md Delawer Hossain | 22 nd October 2022 | 70 |
| 14. | | FSE Dean Reception | Dr. Asim Ullah Asst. Prof, Dept. of EEE | 6 th November 2022 | 40 |
| 15. | | Study Tour - 2022 at Sylhet & Sreemangal | Engr. Md Shahid Ullah, Engr. Md Eftekhari Alam | 14 th to 17 th November | 65 |
| 16. | | Webinar on "Knowledge Domain & Complex Engineering Problem" | Engr. Md Abdul Kader Asst. Prof. dept. of EEE | 30 th November 2022 | 40 |
| 17. | | Webinar on OBE and Bloom's Taxonomy | MD Rasheduzzaman Asst. Prof. Dept of EEE | 1 st December 2022 | 50 |
| 18. | | Freshers Reception Program of EEE 32 th Batch | Muhammad Athar Uddin Associate Professor Dept. of EEE | 1 st January 2023 | 120 |
| 19. | Seminar on "Engineering Education in the Modern Era" | Prof. Md. Anwarul Azim Arif Hon'ble Vice-Chancellor | 4 th January 2023 | 200 | |
| 20. | Autumn 2022 | BBQ Party -2023 | Dr. Md. Shamimul Haque Choudhury (Dean, FSE) | 1 st February 2023 | 110 |
| 21. | | Niaz Memorial Inter Semester Short Pitch Cricket Tournament 2023 | Muhammad Athar Uddin (Associate Professor, EEE) Dr. Md. Aasim Ullah (President, EEE club) | 5 th to 8 th February 2023 | 8 team |

| | | | | | |
|-----|----------------|--|---|--|----------------|
| 22. | | Workshop on “Making Ramadan Productive” | Mohammad Mostafa Amir Faisal, an Assistant Professor, Department of ETE, IIUC | March 21, 2023 | 60 |
| 23. | | Iftar Mahfil, 2023 | Muhammad Athar Uddin (Associate Professor, EEE) | April 13, 2023 | 120 |
| 24. | | Seminar on “Research Opportunities & Higher Studies in Japan” | Professor Dr. Ryo Maezono, Dr. Kenta Hongo, & Dr. Tom Ichiba of JAIST | 30 th May, 2023 | 60 |
| 25. | | Fresher’s Reception batch '33 | Dr. Md. Shamimul Haque Choudhury | 17 th Jube, 2023 | 150 |
| 26. | | Webinar on Higher Study in Germany | Mr. Shohan Alam (Consultant) | 24 th of June 2023 | 50 |
| 27. | | Flood Relief Distribution | Dr. Md. Aasim Ullah President EEE Club, IIUC | 15 th August, 2023 | 100 family |
| 28. | Spring 2023 | Workshop on “Robotics on the field: Designing Soccer Bots for Victory” | Trainer: Team RedShawl Special Guests: Dr. Md. Shamimul Haque Choudhury (Dean, FSE) | September 12, 2023 | 240 |
| 29. | | Inter Semester Football Tournament | Dr. Md. Aasim Ullah President EEE Club, IIUC | 16 th – 18 th September 2023 | 128 players |

Conclusion

The versatility of an EEE degree allows graduates to adapt to emerging technologies and industries, making them valuable assets in a rapidly evolving job market. Additionally, ongoing advancements in areas such as artificial intelligence, machine learning, and automation continue to open up new opportunities for EEE professionals in diverse fields.

“তোমরা যে পানি পান কর, সে সম্পর্কে ভেবে দেখেছ কি? তোমরা তা মেঘ থেকে নামিয়ে আন, না আমি বর্ষণ করি? আমি ইচ্ছা করলে তাকে লোনা করে দিতে পারি, তবুও কেন তোমরা কৃতজ্ঞতা প্রকাশ করনা?”
সূরা ওয়াকিয়া (৫৬:৬৮-৭০)



A Short Note on Dept. of Electronic and Telecommunication Engineering (ETE)

By
Engr. Syed Zahidur Rashid
Assistant Professor & Chairman, ETE, IIUC

Introduction

The Department of Electronic and Telecommunication Engineering (ETE) at International Islamic University Chittagong (IIUC) is one of the most dynamic and fast-growing departments of the university. It was established in 2010 and offers a four-year Bachelor of Science (B.Sc.) degree in Electronic and Telecommunication Engineering.

The department aims to produce globally competitive and socially sensitized engineering graduates who are well-equipped to contribute to the socio-economic development of the country. The department also strives to establish itself as a center of excellence in Electronic and Telecommunication Engineering research and education. The ETE department has a team of highly qualified and experienced faculty members who are dedicated to providing students with a rigorous and comprehensive education. The department also has state-of-the-art facilities and laboratories that support both teaching and research activities.

The ETE curriculum is designed to provide students with a strong foundation in the fundamentals of Electronic and Telecommunication Engineering. Students also have the opportunity to specialize in areas such as Digital Signal Processing, Communication Systems, Computer Engineering, and Control Systems.

In addition to their academic coursework, ETE students are also encouraged to participate in extracurricular activities such as the IEEE IIUC Student Branch, the ETE Robotics Club, and the ETE Programming Club. These activities provide students with opportunities to develop their technical skills, teamwork skills, and leadership skills. I appreciate your interest in the Department of ETE at IIUC.

History of Dept. of ETE

The Department of Electronic and Telecommunication Engineering (ETE) at International Islamic University Chittagong (IIUC) was established in March 2010. It was the first department of its kind in the university. The department started with 30 students and a few faculty members.



Fig 01: IIUC Telecom Club, ETE Research Society and general students of ETE presenting the crest on the arrival of Engr. Abdifatah Issac Mohammed (ETE, 1st batch student of IIUC), Deputy Minister of Education, South West State of Somalia in Bangladesh.



Fig 02: Prof. Dr. Mohammed Humayun Kabir, Treasurer, IIUC, giving crest to Key Speaker Khan Muhammad Fuad Bin Enayet, Deputy General Manager, Felicity IDC Limited



Fig 03: Seminar on Career in Software Engineering - Perks and Challenges of becoming a coding wizard



Fig 04: Seminar on Employment prospect in Web Development

The department has grown rapidly over the years. Currently, there are over 400 students enrolled in the ETE program. The department has also expanded its faculty and staff complement to include highly qualified and experienced professionals from Bangladesh and abroad.

The ETE department has made significant contributions to the field of Electronic and Telecommunication Engineering education and research in Bangladesh. The department has established a strong reputation for its rigorous curriculum, state-of-the-art facilities, and active research program.

The department has also been successful in placing its graduates in leading companies in Bangladesh and abroad. The ETE graduates are known for their strong technical skills, problem-solving abilities, and teamwork skills.

The ETE department is well-positioned to become a leading center of excellence in Electronic and Telecommunication Engineering education and research in Bangladesh.

About ETE Department

The Department of Electronic and Telecommunication Engineering (ETE) at International Islamic University Chittagong (IIUC) is a dynamic and fast-growing department that is committed to providing its students with a high-quality education and preparing them for success in their chosen careers. The department also strives to establish itself as a center of excellence in Electronic and Telecommunication Engineering research and education.

The ETE department has a team of highly qualified and experienced faculty members who are dedicated to teaching and research. The department also has state-of-the-art facilities and laboratories that support both teaching and research activities.

The ETE curriculum is designed to provide students with a strong foundation in the fundamentals of Electronic and Telecommunication Engineering. Students also have the opportunity to specialize in areas such as Digital Signal Processing, Communication Systems, Computer Engineering, and Control Systems.

In addition to their academic coursework, ETE students are also encouraged to participate in extracurricular activities such as the IEEE IIUC Student Branch, the ETE Robotics Club, and the ETE Programming Club. These activities provide students with opportunities to develop their technical skills, teamwork skills, and leadership skills.

The ETE department has made significant contributions to the field of Electronic and Telecommunication Engineering



Fig 05: Prof. Dr. Mohammad Masrurul Mawla, Pro Vice Chancellor, IIUC, giving Prize to Winners in Ramadan Carnival Program



Fig 06: Md. Ibrahim Rupom, President, IIUC Telecom Club, greet with flower to Honorable Prof. Dr. Mohammad Masrurul Mawla, Pro Vice Chancellor, IIUC



Fig 07: Congratulations to the IIUC Telecom Club for their outstanding achievement as the 1st runner up in the Awareness Rally 2023 organized by the Proctorial Body, IIUC



Fig 08: Congratulations to the IIUC Telecom Club for their outstanding achievement as the 1st runner up in the Awareness Rally 2023 organized by the Proctorial Body, IIUC



Fig 09: Ramadan Carnival

education and research in Bangladesh. The department has established a strong reputation for its rigorous curriculum, state-of-the-art facilities, and active research program.

The ETE department is also committed to social responsibility. The department has launched various initiatives to promote STEM education among school students and to provide technical assistance to rural communities. The ETE department is a vibrant and dynamic community of students, faculty, and staff who are passionate about Electronic and Telecommunication Engineering. The department is well-positioned to play a leading role in the development of the next generation of engineers and researchers in Bangladesh.

Vision of the Department

To produce globally competitive and socially sensitized Engineering graduates and to establish the department as a center of excellence by bringing out the professional competence in the core areas of Electronic and Telecommunication Engineering also becoming one of the best departments in the South East Asia.

Mission of the Department

The Mission of the department is to produce, through the pursuit of education, properly trained up and ethically sound manpower in the field of Electronic and Telecommunication Engineering to contribute to the socio-economic development and moral upliftment of the society and to cultivate in our student's an ability to think independently beyond their areas of study, so that they can sustain justice in all walks of life.

Mission Statements

- M1: Properly Trained up Manpower.
- M2: Contribute to Socio-economic Development.
- M3: Ethically Sound.
- M4: Ability to Think Independently.
- M5: Sustain Justice in all Walks of Life.

Objective of the ETE Department

1. To produce globally competitive and socially sensitized engineering graduates who are well-equipped to contribute to the socio-economic development of the country.
2. To establish the department as a center of excellence in Electronic and Telecommunication Engineering research and education.
3. To provide students with a strong foundation in the fundamentals of Electronic and Telecommunication Engineering.
4. To enable students to specialize in areas of their interest and expertise.
5. To develop students' problem-solving, analytical,

and creative thinking skills.

6. To inculcate in students a sense of ethical responsibility and professional conduct.
7. To prepare students for successful careers in a variety of fields, including telecommunications, electronics, computer engineering, control systems, robotics, research and development, and education.

Salient Features of the ETE Department

- Globally competitive and socially sensitized engineering graduates
- Centre of excellence in Electronic and Telecommunication Engineering research and education
- Rigorous curriculum with opportunities to specialize in different areas
- State-of-the-art facilities and laboratories
- Active research program
- Strong alumni network.

Areas of Research & Specialization of the ETE Department

- Deep Learning/Machine Learning, Artificial Intelligence, Intelligent Information Systems
- Algorithms, Blockchain
- Cloud Computing, Fuzzy Systems, Neural Networks
- Internet of Things, Embedded System Design, Robotics and Control, VLSI/ULSI
- Web Technology, Internet and Web Applications
- Antenna, Microwave & RF Engineering
- Computer Networks and Data Communication, Satellite Communication
- Computer Vision, Human-Computer Interaction
- Information Security, Cryptography and Network Security, Security and Information Assurance
- Data Mining/Data Analytics, Database Systems
- Digital Signal and Image Processing
- Software Engineering, E-Commerce and E-Governance, Gaming
- Pattern Recognition/Tracking
- Wireless and Mobile Communication, Wireless Sensor Networks

Job Sector of ETE Graduate

Graduates with a degree in Electronic and Telecommunication Engineering have job opportunities in various sectors. Here's a list of potential job sectors where these graduates can find employment:

Telecommunications

- Telecommunications Engineer
- Network Engineer
- Communication Systems Engineer

- Signal Processing Engineer
- Wireless Communication Engineer
- Satellite Communication Engineer
- Radio Frequency Engineer
- Optical Communication Engineer

Electronics

- Electronics Engineer
- Design Engineer
- Manufacturing Engineer
- Consumer Electronics Engineer
- Industrial Electronics Engineer
- Medical Electronics Engineer
- Embedded Systems Engineer
- VLSI Engineer

Computer Engineering

- Computer Engineer

- Software Engineer
- Hardware Engineer
- Embedded Systems Engineer
- Web Developer
- Database Administrator
- Network Administrator
- Information Security Analyst

Control Systems

- Control Systems Engineer
- Process Engineer
- Robotics Engineer
- Automation Engineer
- Process Engineer
- Robotics Engineer
- Mechatronics Engineer
- Industrial Control Engineer

- Automotive Control Engineer
- Aerospace Control Engineer
- Research Engineer
- Research Scientist
- Academic Researcher
- Industrial Researcher

Education:

- Teacher
- Professor
- Trainer

Research and Development

- Telecommunications research
- Electronics research
- Computer engineering research



Fig 10: Iftar Mahfil



Fig 13: Inter semester Cricket Tournament 2022



Fig 11: View exchange program with the Freshers- Spring 2023



Fig 14: Inter Semester Mini Bar Football Tournament



Fig 15: Inter Semester Mini Bar Football Tournament



Fig 12 Inter semester Cricket Tournament 2022



Fig 16: The Trend-setters

- Control systems research
- Robotics research
- Biomedical engineering research
- Aerospace engineering research

Electronic and Telecommunication Engineering graduates possess a versatile skill set that allows them to adapt to various industries, making them valuable in an ever-changing

technological landscape. The specific job roles and opportunities within each sector may vary, but these graduates often find rewarding careers with opportunities for growth and advancement.

Departmental Student Club (IIUC Telecom Club)

The department has an active student club named "IIUC Telecom Club" in both the male and female academic zones. Its primary mission is to serve as a bridge between students and the department, helping tutees understand the necessary steps for establishing a career and developing skills beyond their academic studies. The IIUC Telecom Club is a well-structured organization led by students and closely overseen by faculty members. The club hosts various seminars and workshops.

Furthermore, it coordinates a wide range of technical and competitive events, such as Programming Contests, Math Olympiads, Idea Generation Competitions, Poster Presentations, Project Showcasing Competitions, Embedded Design Challenges, Soccer Bot Challenges, and more. The club also organizes Iftar Mahfil, Study Tours, Freshers' Receptions, Farewell Ceremonies, and Charity Weeks. It also facilitates indoor and outdoor games like Carom, Chess, Cricket Tournaments, Football Tournaments, Cultural Programs, and others. In addition, the IIUC Telecom Club actively participates in various social and humanitarian activities, including distributing winter clothing to underprivileged individuals, organizing Blood Donation drives, and providing food to those in need. Every year, the club takes part in the Tech Fest/IEEE ICISET Conference, where it collaborates with all departments within the Faculty of Science & Engineering at IIUC and welcomes participants from other universities.



Fig 17: Study Tour to Sajek and Khagrachari



Fig 18: Friendly football match Between "Brazil and Argentina"



Fig 19: Friendly football match Between "Brazil and Argentina"



Fig 20: Inter Semester Cricket Tournament 2023



Fig 21: Club Handover Ceremony and Executive General Meeting



Fig 22: Club Handover Ceremony and Executive General Meeting



Fig 23: Semester General Meeting of IIUC Telecom Club

Present strength of the Dept. of ETE, IIUC

| Particulars | Male | Total |
|---|------|-------|
| Number of Section | 7 | 7 |
| Number of Students(spring 23+ autumn 23) registered only | 207 | 207 |
| Number of CSE Lab+ Internet Lab | 2 | 2 |
| Number of EEE Lab/Electronics Lab+ Electrical Measurement lab | 2 | 2 |
| Number of CCE Lab/Telecommunication Lab | 1 | 1 |
| Number of Class Room | 6 | 6 |
| Number of Prayer Room | 1 | 1 |
| Number of Computer Room | 1 | 1 |
| Number of Store Room | 1 | 1 |
| Number of Office Room | 1 | 1 |
| Number of Regular Teacher | 9 | 9 |
| Number of Staff (regular) | 8 | 8 |

Some of the Highlighted Achievements are

| Year | Competition / Program | Host | Event / Category | Position |
|------|---------------------------------------|--------------|----------------------|-----------------------------|
| 2022 | IIT Tech Fest | IIT Bombay | Robowar competition | CHAMPION |
| 2023 | Tech Fest 2023 | IIUC | DocuFilm Competition | 2 nd Runner - Up |
| 2023 | Awareness Rally 2023 | IIUC | Awareness Rally | 1 st Runner - Up |
| 2023 | Travel Fest Photography Exhibition | Bromon Konna | Photography | 1 st Price |

The Activity of IIUC Telecom Club is listed in table

| SL. No | Event Name | Date | Keynote Speaker / Chief Guest |
|--------|---|------------------|--|
| 01 | Webinar on Metamaterial Absorber for Electromagnetic Applications | March, 06, 2021 | Keynote Speaker Dr. Saif Hannan, Asst. Professor, ETE |
| 02 | Webinar on RAMANDAN PLANNING FOR UNIVERSITY STUDENTS | April , 06, 2021 | Keynote Speaker Kabir Anwar, BAIS in IOU |
| 03 | Seminar on A high CGPA is the key to a bright future | April, 23, 2021 | Keynote Speaker i. Amir Hossain; Ex-ETE student, ETE-5th batch; ii. Mahmudul Islam Roman; Ex-ETE student, ETE-7th batch; iii. Md. Humayun Kabir Rabbi; Ex-ETE student, ETE-10th batch; iv. Mohammad Ishiaque Khan; Ex-ETE student, ETE -14th batch; |
| 04 | Seminar on - We Listen and We Obey | May, 06, 2021 | Keynote Speaker Maher Khan, Founder & Ex guitarist of Nemesis Chairman at Arits LTD |

| | | | |
|----|---|--------------------|---|
| 04 | Seminar on - We Listen and We Obey | May , 06, 2021 | Keynote Speaker Maher Khan, Founder & Ex guitarist of Nemesis Chairman at Arits LTD |
| 05 | Inter-Dept. PES 2021 Tournament | June, 07, 2021 | |
| 06 | Semester General Meeting | Nov, 20, 2021 | |
| 07 | Fresher's Reception program | Nov, 23, 2021 | Chief Guest Prof. Dr. Mohammad Masrurul Mowla , Pro Vice-Chancellor, IIUC |
| 08 | Seminar on Career Counselling and journey toward professional life in the light of data centre industry | January, 16, 2022 | Keynote Speaker i. Khan Muhammad Fuad Bin Enayet, Deputy General Manager, Felicity IDC Limited, ii. Mohammad Ferdous Alam, Deputy Manager, Felicity IDC Limited, iii. Mainul Alam Chowdhury, Assistant Manager, Felicity IDC Limited, iv. Sakib Md. Shahjahan, Regional Representative of SAPCO Pty Limited, Australia |
| 09 | Seminar on CAREER GUIDELINES FROM INDUSTRY/ACADEMIA/CORPORATE PERSONS FOR ETE STUDENTS | January, 29, 2022 | Keynote Speaker Foysal Bin Wadud, Maintenance Engineer -Network, Principal officer at Bangladesh House Building Finance Corporation |
| 10 | Seminar on CAREER GUIDELINES FROM INDUSTRY/ACADEMIA/CORPORATE PERSONS FOR ETE STUDENTS | February, 06, 2022 | Keynote Speaker Md. Imtiaz Kamrul, Integrated IT Engineering Department, Seoul National University of Science & Technology, Seoul, South Korea |
| 11 | Inter semester Cricket Tournament 2022 | Feb, 09, 2022 | |
| 12 | A Guideline Session for Inter Semester Technical Debate competition 2022 | February, 09, 2022 | Keynote Speaker Mohammed Saifuddin Munna, Assistant Professor, Premier University, Chittagong |
| 13 | Inter Semester Technical Debate competition 2022 | February, 13, 2022 | |
| 14 | Workshop on Optimizing Ramadan for Maximum Benefit | 17th April, 2022 | Keynote Speaker Mohammad Mostafa Amir Faisal, Ass t. Professor, Dept. of ETE, IIUC |

| | | | |
|----|--|---------------------|---|
| 15 | Ramadan Carnival Closing Ceremony & Iftar Mahfil | April, 17, 2022 | Chief Guest Prof. Dr. Mohammad Masrurul Mawla, Pro Vice Chancellor, IIUC |
| 16 | Club Handover Ceremony and Semester General Meeting (SGM) | Oct, 17, 2022 | |
| 17 | Seminar on Career in Software Engineering - Perks and Challenges of becoming a coding wizard | November, 13, 2022 | Chief Guest Engr. Syed Zahidur Rashid, Chairman & Asst. Professor, Dept. of ETE, IIUC Keynote Speaker Jamil As -Ad, Lecture, Dept .of CSE, IIUC |
| 18 | Webinar on Accelerate The future of Innovation: 5G Evolution and 6G | November, 17, 2022 | Chief Guest Dr. Md. Shamimul Haque Chowdhury, Dean, FSE, IIUC Keynote Speaker Md. Imtiaz Kamrul, Integrated IT Engineering Department, Seoul National University of Science & Technology, Seoul, South Korea |
| 19 | Friendly football match Between "Brazil and Argentina" | November, 23, 2022 | |
| 20 | View exchange program with the Fresher's - Spring 2023 | December, 17, 2022 | |
| 21 | Inter Semester Cricket Tournament-2023 | January, 18, 2023 | |
| 22 | Awareness Rally-2023 | January, 23, 2023 | |
| 23 | Study Tour to Sajek and Khagrachari | Feb, 2 & 3, 2023 | |
| 24 | Seminar on Employment prospect in Web Development | March, 19, 2023 | Keynote Speaker Faisal Ahmed Shourab |
| 23 | The Trend-setters | March, 29, 2023 | |
| 24 | Ramadan Carnival | April, 09, 2023 | |
| 25 | Iftar Mahfil | April, 12, 2023 | |
| 26 | Fresher's Reception of the ETE Department | May, 14, 2023 | Chief Guest Engr. Syed Zahidur Rashid, Chairman , Dept .of ETE, IIUC |
| 27 | Inter Semester Mini Bar Football Tournament | July, 23, 2023 | |
| 28 | Club Handover Ceremony and Executive General Meeting | August, 14, 2023 | |
| 29 | Semester General Meeting of IIUC Telecom Club | September, 18, 2023 | |

“তারা কি পাখিদের দিকে দেখেনা, আকাশের গুন্যলোকে তারা কিভাবে নিয়ন্ত্রিত রয়েছে? আল্লাহর অসীম ক্ষমতা ছাড়া কে তাদেরকে ধরে রেখেছে? নিশ্চয়ই এতে অনেক নিদর্শন রয়েছে বিশ্বাসীদের জন্য।

(সূরা আন নহল:৭৯)



A Short Note on Dept. of Pharmacy

By

A. T. M. Mostafa Kamal

Assistant Professor & Chairman (Current Charge)
Dept. of Pharmacy, IIUC

Introduction

The Department of Pharmacy, IIUC have started its journey since June, 2007 under the Faculty of Science and Engineering with a mission "To develop pharmacists through innovative pharmaceutical education, practice and research to improve the healthcare of local and global communities."

We have a team of highly qualified and passionate faculty members who are committed to provide a world-class education and mentoring the students. Our commitment to excellence in education and research has led to the growth and success of our department over the years. Our research initiatives have gained recognition, and our contributions to the field continue to grow. Our faculty and students have consistently excelled in research, contributing to advancements in pharmaceutical sciences and healthcare.

The department has State-of-the-Art Facilities equipped with modern laboratories, research facilities, animal lab, modern computer lab, medicinal plant garden and an extensive library to support the academic and research needs of our students. We are actively exploring opportunities for international collaborations and exchange programs to provide a global perspective to our students.

There is a dedicated IIUC Pharma Club run by the students with active supervision of the teachers, which is committed to execute different co-curricular & extra-curricular activities creating a thriving and friendly environment for students. The knowledge exchange, teamwork and mentorship opportunities made possible by this integrated network. Many of our graduates have achieved remarkable success in the pharmaceutical industry, academia, and healthcare both in home and abroad. Their accomplishments are a source of pride for our department and a testament to the high caliber of our program.

The Department of Pharmacy at IIUC is dedicated to foster the next generation of pharmaceutical leaders and innovators. We would like to express our deepest gratitude to Almighty Allah (SWT) for our achievements, and we look forward to an even more promising future.

Present Strength of Pharmacy Dept, IIUC

| Particulars | Male | Female | Total |
|--|------|--------|-------|
| Number of Section | 08 | 08 | 16 |
| Number of Students | 264 | 322 | 586 |
| Number of Pharmacy Lab | 10 | 4 | 14 |
| Number of Class Room | 06 | 04 | 10 |
| Number of Store Room | 1 | 0 | 1 |
| Number of Office Room | 1 | 1 | 2 |
| Number of Regular Teacher | 22 | 6 | 28 |
| Number of Staff including Lab Technician | 11 | 8 | 19 |

Recent Activities of the Department of Pharmacy at a glance

Students of the Department of Pharmacy regularly participate in various events and competitions organized by IIUC, other universities and organizations nationally.

Seminars & Workshops

Each semester, the IIUC Pharma Club organizes different seminars & workshops. Recently, seminars on "Natural Product Research, Voucher Specimen Preparation, Collection, Processing and Storage of Crude Drugs" and "Data Analysis in Pharmaceutical Science" were held on 25 March 2023 and 14 August 2023.

Seminar on-
"Natural Product Research; Voucher Specimens Preparation and Collection, Processing and Storage of Crude Drugs"

IIUC Seminar Hall
25th March 2023
11.00 AM - 01.00 PM

Organized by:
The Pharma Club
Department of Pharmacy
International Islamic University Chittagong

Keynote Speaker
Prof. Dr. Shaikh Bokhtear Uddin
Professor, Department of Botany
University of Chittagong
PhD, University of Aberdeen, UK
Post-doc Fellow
New York Botanical Garden Herbarium, USA

Figure 1: A seminar on "Natural Product Research, Voucher Specimen Preparation, Collection, Processing and Storage of Crude Drugs"

Seminar on-
"Data Analysis for Pharmaceutical Research"

Speaker
Mohammad Arman
Lecturer, Department of Pharmacy
International Islamic University Chittagong

Organized by:
IIUC Pharma Club
Department of Pharmacy
International Islamic University Chittagong

IIUC Seminar Hall
14th August 2023
02:00 PM - 04:00 PM

Figure 2: seminar on "Data Analysis for Pharmaceutical Research"

Industrial Visit

The students of the department of pharmacy visited Albion Laboratory Limited on November 19, 2022, for an industrial tour. The trip provided valuable insights into pharmaceutical manufacturing and quality control. Students witnessed the production process, learned about regulatory compliance, and engaged in a Q&A session. This tour was a great educational experience and bridged the gap between theory and practice.

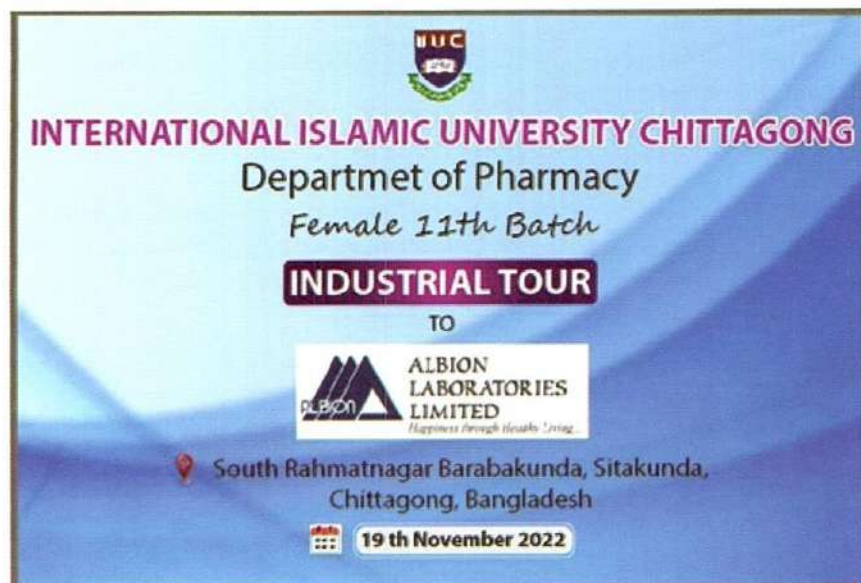


Figure 3: Industrial tour at Albion Laboratories Limited.

World Pharmacist Day Celebration

The Department of Pharmacy marked World Pharmacists Day 2023 with a cake cutting ceremony and a rally attended by both faculty members and students. The theme of the day, "Pharmacy Strengthening Health Systems," was the focus of the celebration, making it a successful and inclusive gathering.



Figure 4: World Pharmacists Day, 2023 (Male)



Figure 5: World Pharmacists Day, 2023 (Female)



Figure 6: World Pharmacists Day, 2023 (Male)



Figure 7: World Pharmacists Day, 2023 (Female)

Sports Competition

IIUC Pharma Club organizes different types of sports tournaments, such as Football, Cricket, Badminton, etc. This Club has been actively promoting sports and gaming events for the students of pharmacy from time to time. In 2022, it hosted the "Intra-Semester Football Tournament 2022". This event saw enthusiastic participation from students within the Department of Pharmacy. "Pharmacy Sports Week" was another event put on by Pharma Club in 2023. The outdoor "Intra-Semester Cricket Tournament," which encouraged cooperation and sportsmanship, was witnessed by the Department of Pharmacy on this occasion.

Indoor competitions like chess and carrom were highlighted, but the addition of mobile games like Efootball (PES) and PUBG tournaments embraced the esports wave. The Pharmacy department won the "IIUC Inter-Department Football Tournament-2022" and joyfully celebrated with the championship trophy at International Islamic University Chittagong.



Figure 8: Champion Trophy received from Hon'ble Vice-Chancellor at IIUC Inter-department football tournament, 2022



Figure 9: Pharmacy Inter Semester Cricket Tournament 2023 (Pharmacy Sports week 2023)



Figure 10: Pharmacy Inter Semester Cricket Tournament 2023 (Pharmacy Sports week 2023)



Figure 11: Pharmacy Inter Semester Carrom Tournament 2023 (Pharmacy Sports week 2023)



Figure 12: Pharmacy Intra-Semester Football Tournament, 2022



Figure 13: Champion trophy of Essay competition, 2021

Fresher's Reception & Farewell Felicitation

Fresher's Reception program is organized for newly enrolled students of the department to interact with the department. Likewise, the Farewell Felicitation program is also arranged for the outgoing students of the department.



Figure 14: Fresher's Reception of Autumn, 2023 Semester (Male)



Figure 15: Farewell and Prize Giving Ceremony (Female)

Study Tour

The Department of Pharmacy organized annual study tours for both male and female students in 2023. Male students went on a 3-day tour to Saint Martin from February 5th to 7th, 2023, while female students had their tour in Rangamati on October 12, 2023. These tours provided valuable educational experiences, allowing students to gain knowledge and enhance their skills through exposure to new concepts and environments.



Figure 16: Study tour at St. Martin's Island, 2023 (Male)



Figure 17: Study tour at Rangamati, 2023 (Female)

Research Activity

The Department of Pharmacy at International Islamic University Chittagong (IIUC) has garnered widespread recognition for its outstanding research contributions. In 2020 and 2021, the department's faculty members and students collectively achieved four out of the top five Scopus researcher rankings within the university. This remarkable accomplishment underscores the department's strong research culture and the exceptional dedication of both its faculty and students to advancing knowledge in the field of pharmaceutical sciences. Their achievements have not only elevated the department's reputation but also exemplify their commitment to research excellence at IIUC.

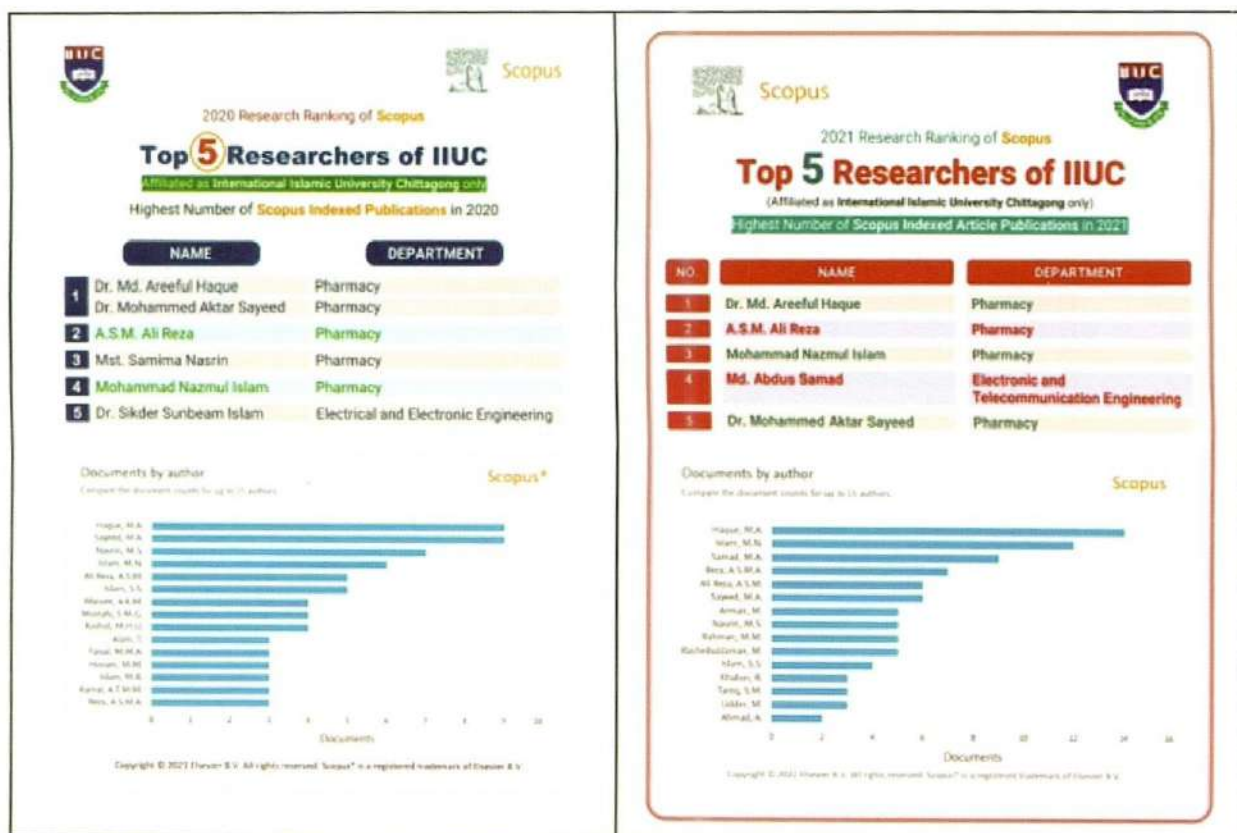


Figure 18: Top 5 Researchers of IIUC in 2020 and 2021 based on SCOPUS ranking

Social Activity

As a part of social responsibilities, the Department of Pharmacy, along with the IIUC Pharmacy Club, organizes Free Blood Grouping Campaign, BMI Checking, Participation in Awareness Rally, "Support Flood Victims: Together with the IIUC Pharmacy Club, we reached out to those affected by the floods, providing food, medical aid, and heartfelt care etc.



Figure 19: Free Blood Grouping Campaign at IIUC



Figure 20: Free Blood Grouping Campaign at IIUC



Figure 21: Support Flood Victims



Figure 22: Awareness Rally 2023

Ramadan Week

The Department of Pharmacy's Pharma Club organized a special event during the holy month of Ramadan, known as "Ramadan Week." The event featured various activities, including "Holy Quran recitation and Islamic Quiz competition," "Iftaar and DuaMahfil," and a "Ramadan Ananda bazar." The overarching theme for the event was "Share the Blessing and Give the Gift of a Smile." These activities provided students and participants with opportunities to engage in spiritual and educational pursuits, fostering a sense of community and spreading happiness during this sacred month. The event successfully promoted unity, knowledge, and the spirit of giving back in the spirit of Ramadan.



Figure 23: Iftar and Dua Mahfil



Figure 24: Holy Quran recitation and Islamic Quiz competition



Figure 25: Ramadan Anandabazar



Figure 26: Hult Prize, Champion on Campus, 2023

Departmental Activities Report (2022-2023)

| | | | |
|------------------------------------|---------------------------|--|--|
| Farewell and Prize Giving Ceremony | Pharmacy, IIUC | | 23 rd May, 2022 |
| Industrial Visit | Albion Laboratory Limited | | 19 th November, 2022 |
| Awareness Rally | IIUC | | 23 rd January, 2023 |
| Study Tour (Male) | Saint Martin | | 5 th to 7 th February, 2023, |
| HULT PRIZE | IIUC | Hult Prize on Campus Champion (Female) | 09 th February, 2023 |
| Ifter and Doa Mahfeel | Pharmacy, IIUC | | 09 th March, 2023 |
| Seminars & Workshops | Pharmacy, IIUC | | 25 March 2023 & 14 August 2023. |
| World Pharmacist Day Celebration | Pharmacy, IIUC | | 25 th September, 2023 |
| Tech Fest | Pharmacy Dept, IIUC | Medicinal Plant Show, Idea generation, | 23 rd to 27 th September, 2023 |
| Pharmacy Sports Week | Pharmacy, IIUC | Cricket Tournament, Carom Competition | 4 th to 10 th October, 2023 |
| Study Tour (Female) | Rangamati | | 12 th October, 2023 |

Best Research Award 2022 (Science)

Our esteemed alumni and faculty member, Mohammad Nazmul Islam, has been honored with the prestigious "Best Research Award 2022 (Science)" by the respected Vice Chancellor, Professor Anwarul Azim Arif, at the International Islamic University Chittagong. His research expertise spans phytopharmacology, molecular biology, neuropharmacology, cancer biology, and drug design and development. Additionally, he has been recognized as one of the top contributing researchers at IIUC, consistently earning this distinction in the Scopus Research Rankings for the years 2022, 2021, and 2020, attesting to the impact of his significant research contributions. The impact of this achievement extends beyond individual success, elevating the department's reputation and exemplifying unwavering commitment to research excellence at IIUC.



Figure 27: Best Research Award 2022 (Science)
Awardee (Mr. Mohammad. Nazmul Islam)

Special Research Grant 2023-2024

Our outstanding researchers and esteemed faculty members, Dr. Md. Zia Uddin (Associate Professor) and Mohammad Nazmul Islam (Lecturer and distinguished alumni), have been honored with the highly prestigious "Special Research Grant 2023-2024" from the Ministry of Science and Technology (MOST), Bangladesh, in recognition of their groundbreaking work that expands the frontiers of research knowledge. Dr. Md. Zia Uddin serves as the principal investigator (PI), while Mohammad Nazmul Islam assumes the role of co-principal investigator (CO-PI), establishing themselves as pioneers in securing such research grants at the International Islamic University Chittagong. Their commitment to pushing the boundaries of knowledge is truly inspiring, and this recognition stands as a well-deserved acknowledgment of their expertise. The significance of their accomplishments goes beyond personal success, contributing to the augmentation of the department's standing. Furthermore, it serves as a clear demonstration of their steadfast dedication to upholding and advancing research excellence at IIUC, setting a commendable standard for scholarly pursuit and innovation within the academic community.



Figure 28: Special Research Grant 2023-2024 Awardees

Unveiling Unknown; Pharmacy Department at International Conference on Pharmaceutical Sciences 2023 (ICPS-2023)

A cohort comprising both students and faculty members from the esteemed Department of Pharmacy of IIUC enthusiastically participated in two-day long International Conference on Pharmaceutical Sciences 2023 (ICPS-2023). This esteemed gathering, hosted by the Department of Pharmacy at the State University of Bangladesh in South-Purbachal, Dhaka, dated May 11-12, 2023, aimed to congregate national and international luminaries, educators, scientists, and budding scholars. The primary focal point of this conference was to facilitate a convergence wherein the latest advancements in pharmaceutical sciences shared and deliberations took place regarding the current trends and prospective developments in the pharmaceutical realm.



Figure 29: Attending in International Conference on Pharmaceutical Sciences 2023 (ICPS-2023)

Professor Dr. Md. Abdul Rashid, Advisor, Department of Pharmacy at SUB, stood as the esteemed Conference Chair, overseeing the proceedings. Distinguished academics, namely Mohammad Abu Sayeed, Associate Professor and Md Masud Morshed, Lecturer both from the Department of Pharmacy at IIUC, delivered compelling and insightful oral & poster presentations. Furthermore, the brilliance and research fervor of the students from the Department of Pharmacy at IIUC were prominently showcased, with a remarkable count of 11 accepted and presented abstracts, further solidifying their dedication and commitment to the field of pharmaceuticals.



Narrated Abu Huraira: I heard Allah's messenger saying, "There is healing in black cumin (কালিজিরা) for all diseases except death." (Sahih Bukhari, Muslim)



Dr. Engr. Mohammad Aman Ullah
Chairman & Associate Professor



Prof. Dr. Md. Monirul Islam
Professor



Prof. Mohammed Shamsul Alam
Professor



Prof. Dr. A. N. M. Rezaul Karim
Professor



Mohammad Mahadi Hassan
Associate Professor



Tanveer Ahsan
Associate Professor



Dr. Shahidul Islam Khan
Associate Professor



Dr. Muhammad Moazzam Hossen
Associate Professor



Dr. Md. Jamshed Alam Patwary
Associate Professor &
Coordinator in MCSE Program



Md. Mahmudur Rahman
Associate Professor



Mohammad Manjur Alam
Associate Professor



Md. Mahiuddin
Associate Professor



Zinia Sultana
Associate Professor



Mohammed Safullah
Assistant Professor



Abdullahil Kafi
Assistant Professor



Dr. Siddique Ahmed
Assistant Professor



Sayema Hoque
Assistant Professor



Subrina Akter
Assistant Professor



Md. Khaliluzzaman
Assistant Professor



Saifur Rahaman
Assistant Professor



Md. Rashedul Islam
Assistant Professor



A.B.M. Yasir Arafat
Assistant Professor



Md. Khorshed Ali
Assistant Professor



Md Saqid Zaman Khan
Assistant Professor



Mohammad Zainal Abedin
Assistant Professor



Md. Alamgir
Assistant Professor



Sanjida Sharmin
Lecturer



Md. Ziaur Rahman
Lecturer



Israt Binteh Habib
Lecturer



Saiful Islam
Lecturer



Jamil-as-ad
Lecturer



Md. Nazmul Arefin
Lecturer



Farzana Tasnim
Lecturer



Taniya Sultana
Lecturer



Nuren Nafisa
Lecturer



Sabrina Jahan Maisha
Lecturer



Shefayatuj Johara Chy
Lecturer



Md. Saiful Islam
Lecturer



Nayeem Mahmood
Assistant Lecturer



Sahariar Reza
Assistant Lecturer



Md. Safayat Hossen
Assistant Lecturer



Md. Taiseer Alam
Assistant Lecturer



G.M. Al-Arafat Shaown
Assistant Lecturer



Ashifatul Ferdousi
Assistant Lecturer



Arfanul Islam
Assistant Lecturer

Faculty Members (Study Leave)



Mohammed Arif Hasnayeem
Assistant Professor



Lutfun Nahar
Assistant Professor



Faisal Bin Al Abid
Assistant Professor



Shayhan Ameen Chowdhury
Assistant Professor



Ahmed Shan-A-Alahi
Lecturer



Ahmed Imteaj
Lecturer



Sumaiya Deen Muhammad
Lecturer



Mohammad Hasin Abrar
Lecturer



Nanziba Basnin
Assistant Lecturer

Officers and Staff, Dept. of CSE, IIUC



Md. Jamal Uddin
Assistant Director



Md. Akhtar Hossain
Assistant Director



Md. Sahidul Anwar
Senior Lab Technician



Adil Mahmood Chowdhury
Senior Lab Technician



Farhana Yeasmin
Senior Lab Technician



Md Nazim Uddin
Administrative Officer



Ms. Nargis Jahan
Administrative Assistant



Md Thowfiqul Hasan
Administrative Assistant



Md Minhajul Islam
Administrative Assistant



Umme Salma
Administrative Assistant



Md Nezam Uddin
Lab Technician



Md Shafique Uddin Haider
Lab Technician



Md Imam Uddin Iqbal
Lab Technician



Md. Jahirul Islam
Lab Technician



Sourav Hossain
Lab Technician



Jhuntu Kanti Nath
Lab Technician



Ridwone Ahmed Chowdhury
Lab Technician



Shakila Rahman
Lab Technician



Rojina Begum
Lab Technician



Selina Akter
Lab Technician



Rubayed Afroza
Lab Attendant



Md. Abul Kalam
Peon



Solaiman Hossain
Peon



Mohammad Yeaqub
Peon



Shopon Mia
Bearer



Farjan Akter
Peon



Nurnahar Begum Runu
Bearer



Md. Shahjahan
Cleaner



Prof. Engr. Md. Razu Ahmed
Professor & Chairman



Dr. Mohammed Saifuddin
Assistant Professor



Amanul Hoque
Assistant Professor



Engr. Md Jiabul Hoque
Lecturer



Areez Hafiz Md Zahid
Lecturer & Female Coordinator



Engr. Mohammad Nadib Hasan
Lecturer



Engr. Md. Humayun Kabir
Lecturer



Engr. Hassan Jaki
Lecturer



Zarin Tanzim
Lecturer

Officers and Staff, Dept. of CCE, IIUC



Md. Asgor Hossain
Administrative Assistant



Sharmin Akter
Administrative Assistant



Mohammad Mahmudur Rahman
Administrative Assistant



Muhammad Raishul Alam
Lab Technician



Hasibul Hasan
Lab Technician



Md Eashin
Peon



Yesmin Ara Khanam
Peon



Prof. Dr. Engr. Muhammad, Abu Eusuf, P.Eng
Professor & Chairman



Dr. Md. Shafiqul Islam Aziz
Assistant Professor



Engr. Md. Shamim Ahmed
Lecturer



Sal Saad Al Deen Taher
Lecturer



Md. Abdullah Al Mamun
Assistant Lecturer



Engr. Amir Fosal
Assistant Lecturer



Mubtasim Sabab
Assistant Lecturer



Md. Wazkuruni
Assistant Lecturer

Officers and Staff, Dept. of Civil Engg, IIUC



Mohammad Idris Chowdhury
Additional Director



Md Saiful Islam
Senior Lab Technician



Sayeed Ahmad Siddiquee
Lab Technician



Dil Mohammad
Senior Electrician



Md. Jamal Hossain
Peon

“তোমরা যে বীজ বপন করো সে সম্পর্কে ভেবে দেখেছো কি? তোমরা কি তা থেকে ফসল উৎপন্ন করো, নাকি আমি উৎপন্ন করি? আমি চাইলে এসব ফসলকে দানাবিহীন ভূমি বানিয়ে দিতে পারি। তখন তোমরা হতবুদ্ধি হয়ে নানা রকমের কথা বলতে থাকবে।”
আল কুরআন (৫৬:৬৩-৬৫)



Dr. Yasir Arafat
Chairman & Associate Professor



Dr. A.K.M. Azharul Islam
Emeritus Professor



Prof. Dr. Md. Delawer Hossain
Professor



Muhammad Athar Uddin
Associate Professor



Dr. Md. Shamimul Haque Choudhury
Associate Professor



Dr. Sikder Sunbeam Islam
Associate Professor



Dr. Md. Shafiu Alam (SL)
Associate Professor



Engr. Sk. Md. Golam Mostafa
Associate Professor



Engr. Md. Rashidul Islam
Associate Professor



Engr. Md. Ismail Hossain (SL)
Assistant Professor



Mrs. Nargis Akter (EOL)
Assistant Professor



Engr. Mohammad Faisal (SL)
Assistant Professor



Engr. Mohammed Abdul Kader
Assistant Professor



Mr. Sayed Allamah Iqbal
Assistant Professor



Engr. Md. Shahid Ullah
Assistant Professor



Engr. Khandakar Abdulla Al Mamun
Assistant Professor



Md. Jashim Uddin
Assistant Professor



Engr. Shafait Ahmed (SL)
Assistant Professor



Dr. Md. Ismail Haque
Assistant Professor



Emranul Kabir
Assistant Professor



Engr. Md. Jalal Uddin
Assistant Professor



Dr. Md. Aasim Ullah
Assistant Professor



Engr. Md. Eftekar Alam
Assistant Professor



Md. Rasheduzzaman
Assistant Professor



Dr. Md. Zahid Hasan
Assistant Professor



Dr. Air Mohammad Siddiky
Assistant Professor



Engr. Md. Nazmus Sakib
Lecturer



Engr. Md. Lokman Hossain
Lecturer



M. Tanvirul Hoque
Lecturer



Mohammad Raihan
Lecturer



Ms Tanzim Mushtary
Lecturer



Engr. Riazul Islam
Lecturer



Engr. Md. Tahmid Mahmud (SL)
Lecturer



Engr. Raihan Chowdhury
Lecturer



Asifur Rahman
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Jubaida Nahar Tuli
Assistant Lecturer



Md. Sazidul Haque
Assistant Lecturer



Md. Mostafa Helal
Assistant Director



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Senior Lab Technician



Md. Ali Murtuza
Sr. Lab Technician



Md. Shofiqul Islam
Sr. Lab Technician



Md. Shaful Alam
Sr. Lab Technician



Sharif Md. Shaful Azam
Sr. Lab Technician



Md. Azim
Lab Technician



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Administrative Assistant



Sheikh Sohrab Uddin Chy
Administrative Assistant



Kazi Mahfuzur Rahman
Lab Attendant



Md. Abdur Rahman
Lab Attendant



Md. Harunur Rashid
Lab Attendant



Khadija Akter
Lab Attendant



Jasmin Akther Mitu
Lab Attendant



Kaniz Fatema Chowdhury
Lab Attendant



Md. Shahidul Islam
Peon



Mohammad Kawsar Uddin
Book Sorter



Md. Ruhul Amin
Bearer



Shamima Akter Sammi
Bearer

“

মানুষের রাগ আসে শয়তানের প্ররোচনার কারণে, শয়তানের স্পর্শতার কারণে। শয়তান হচ্ছে আগুনের তৈরী, রাগ হল আগুন। এজন্য আগুন নিভানোর জন্য পানি প্রয়োজন। তখন তাকে অযু করা উচিত।

(আবু দাউদ ৪৭৭৯)

”



Engr. Syed Zahidur Rashid
Chairman & Assistant Professor



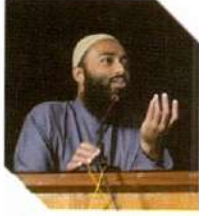
Engr. Abdul Gafur
Associate Professor



Mohammed Jashim Uddin
Associate Professor



Md. Ibrahim
Assistant Professor



Md Mostafa Amir Faisal
Assistant Professor



Dr. Saif Hannan
Assistant Professor



Mohammad Woli Ullah
Assistant Professor



Ahmad
Lecturer



Md Mohsin
Assistant Lecturer

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Assistant Director



Md. Sofikul Kazi
Administrative Officer



Md. Ebrahim Khalil
Senior Lab Technician



Md. Zahid Hossain
Senior Lab Technician



Md. Abdul Alim
Lab Attendant



Md. Alauddin
Lab Attendant



A K M Abdullahil Mamun
Lab Attendant



Wazi Ullah
Office Helper



Shukot Das
Cleaner

“আর তাঁহার নির্দেশনাবলীর মধ্যে রহিয়াছে আকাশ মণ্ডলী ও পৃথিবীর সৃষ্টি এবং তোমাদের ভাষা ও বর্ণের বৈচিত্র। ইহাতে জ্ঞানীদের জন্য অবশ্যই বহু নিদর্শন রহিয়াছে।”
(সূরা আর রুম-৩০:২২)



A. T. M. Mostafa Kamal
Chairman & Assistant Professor



Prof. Dr. Mohammed Aktar Sayeed
Professor



Mohammed Abu Sayeed
Associate Professor



Md. Masudur Rahman
Associate Professor



Dr. Md. Zia Uddin
Associate Professor



Md. Mominur Rahman (SL)
Assistant Professor



Md. Sekendar Ali (SL)
Assistant Professor



Md. Rabiul Islam (SL)
Assistant Professor



Md. Rafikul Islam (SL)
Assistant Professor



Kazi Ashfak Ahmed Chowdhury
Assistant Professor



Syed Mohammed Tareq (SL)
Assistant Professor



A.S.M. Ali Reza (SL)
Assistant Professor



Mst. Samima Nasrin (SL)
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Dr. Md. Areeful Haque (SL)
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Sanjida Sharmin
Lecturer



Md. Ashraf Uddin Chowdhury
Lecturer



Riniara Khatun
Lecturer



Mohammad Nazmul Islam
Lecturer



Md. Saiful Islam Arman (SL)
Lecturer



Ferdousi Akter
Lecturer



Sadab Sipar Ibban (SL)
Lecturer



Seema Binte Alam
Lecturer



Israt Jahan
Lecturer



Md. Masud Morshed
Lecturer



Md. Ashrafal Alam
Lecturer



Trishala Dutta
Lecturer



Md. Ahsan Ullah
Lecturer



Md. Abu Hanif
Lecturer



Mohammad Arman
Lecturer



Enama Nabi Shetu
Lecturer



Nawara Habib
Lecturer



Jannatul Nasma Rupa Moni
Lecturer

Officers and Staff, Dept. of Pharmacy, IIUC



Nurul Afsar
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AH Kazi Md. Illias Ur Rashid
Library Officer



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Senior Lab Technician



Nasrin Sultana
Administrative Assistant



Shahidul Islam
Administrative Assistant



Asma-UI-Husna
Lab Technician



Sumia Sultana
Administrative Assistant



Md. Abdul Karim
Lab Technician



Md. Shariful Islam
Lab Technician



Md Abdur Rahman
Lab Technician



Md. Anisul Islam
Lab Attendant



Ms. Kusum Akhter
Lab Attendant



Mrs. Rahima Jannat
Lab Attendant



Manu Akter
Lab Attendant



Ahsan Ullah
Peon



Mohammad Rubel
Peon



Mohammad Mohiuddin
Bearer

“

রাসুলুল্লাহ (সা.) বলেছেন: “সাবধান! তোমরা প্রত্যেকেই রক্ষক এবং তোমাদের প্রত্যেকেই স্বীয় অধীনস্থ সম্পর্কে জিজ্ঞাসিত হবে। সুতরাং শাসনকর্তা যিনি জনগণের রক্ষক, তিনি স্বীয় অধীনস্থ সম্পর্কে জিজ্ঞাসিত হবেন আর প্রত্যেক পুরুষ স্বীয় পরিবারের লোকদের রক্ষক এবং তিনি নিজের অধীনস্থ সম্পর্কে জিজ্ঞাসিত হবেন। আর প্রত্যেক নারী স্বীয় স্বামীর পরিবারের লোক ও তাঁর সন্তানদের দায়িত্বশীল এবং তিনি তাদের সম্পর্কে জিজ্ঞাসিত হবেন। কোনো লোকের চাকর স্বীয় মনিবের সম্পদের রক্ষক এবং সে তার সম্পর্কে জিজ্ঞাসিত হবে।” (বুখারি ও মুসলিম)

”

Executive Committee

Computer Club (Male Section), Dept. of CSE, IIUC



Dr. Engr. Md Aman Ullah
President & Chairman



Md. Khaliluzzaman
Vice President - 1



Khorshahd Ali
Vice President - 2



Md. Rashedul Islam
Vice President - 3



Md Zainal Abedin
Treasurer



Md Hasan Shorif
General Secretary



Asadul Islam
Assistant General Secretary - 1



Mohammad Sakib Chowdhury
Assistant General Secretary - 2



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Assistant General Secretary - 3



G. M. Mozahed
Assistant General Secretary - 4



Khaled Eabne Delowar
Office Secretary



Borhan Uddin Thais
Assistant Office Secretary



A.k.m Inzhamul Hoque
Sports Secretary



Asad Mohammad Rayat
Asst. Sports Secretary



Shuvo Das
Asst. Sports Secretary



Abdullah Al Jobayer
Asst. Sports Secretary



Md Borhan Uddin
Asst. Sports Secretary



Md. Anas Uddin
Asst. Sports Secretary



Arnab Barua
Debate Secretary



Younus Montasir
Asst. Debate Secretary



Md Faisal Fardin Chy
Asst. Debate Secretary



Rashedul Arefin Ifty
Press and Publicity Secretary



Md Noman
Asst. Press and Publicity Secretary



Md Naimul Islam
Asst. Press and Publicity Secretary



Arif Rahman Sikder
Asst. Press and Publicity Secretary

Executive Committee

Computer Club (Male Section), Dept. of CSE, IUC



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Competitive Programming
Secretary



Javed Iqbal Joy
Asst. Competitive Programming
Secretary



Md Nayemul Islam
Asst. Competitive Programming
Secretary



Al-Fahad
Asst. Competitive Programming
Secretary



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Finance secretary -1



Md Fardin Bin Ferdous
Finance secretary -2



Md.Khaled Arman Rakib
Asst. Finance Secretary



Atiqur Rahman
Asst. Finance Secretary



Miskatul Karim
Logistics & Organizing Secretary



Md Fahad Faisal
Asst. Logistic & Organizing Secretary



Md Mezbah Uddin Shohan
Asst. Logistic & Organizing Secretary



Md Jubair Hossain
Asst. Logistic & Organizing Secretary



Md. Hasibul Hossain
Research & Development Secretary



Md. Iftikhar Mahmud
Asst. Research & Development
Secretary



Mohammad Ruhullah
Asst. Research & Development
Secretary



Afif Hossain Irfan
Asst. Research & Development
Secretary



Mohammad Nibras Ullah
Asst. Research & Development
Secretary



Md. Jobaed Hosen Sajjad
Photography Secretary



Md. Shahriar Afaz
Asst. Photography Secretary



Md Raihan Feroz
Asst. Photography Secretary



Sheikh Golam Muqtadir
Asst. Photography Secretary



Md. Anamul Hoque
Asst. Photography Secretary



Onik Barua
Asst. Photography Secretary



Abu Bakar Siddik Didar
Asst. Photography Secretary



Md.Shakib
Social Welfare Secretary

Executive Committee

Computer Club (Male Section), Dept. of CSE, IIUC



Imon Shahriar Ifti
Asst. Social Welfare Secretary



Samiul Azam Shuvo
Asst. Social Welfare Secretary



Enjamamul Emrus Fahim
Asst. Social Welfare Secretary



Rafid Ashraf Chowdhury
Creative and Design Secretary



Md Kazi Ikram Uddin
Asst. Creative and Design Secretary



Albar Hasan
Asst. Creative and Design Secretary



Mishkat Mahabub
Asst. Creative and Design Secretary



Syed Mohiuzzaman
Culture Secretary - 1



Shams Farabi
Culture Secretary - 2



Abu Rushd Nakib
Asst. Cultural Secretary



Md. Tasbiul Karim Tahsin
Asst. Cultural Secretary



Atickullah Khan Fahim
Event Secretary



Md. Sakib Hasan
Asst. Event Secretary



Md Shajjad Gani Shovon
Asst. Event Secretary



Arafat Iqbal
Asst. Event Secretary



Md. Abu Sufian
Public Relations Secretary



Montasir Tasnim Al Rafi
Asst. Public Relation Secretary



Mohammad Rahatul Islam
Asst. Public Relation Secretary



Maruful Islam
Asst. Public Relation Secretary



MD. Ismail
Asst. Public Relation Secretary



Moinul Ahsan Foisal
Executive Member



Tareq Ahmed
Executive Member



MD. ATAUL ISLAM
Executive Member



Md. Hamid Hossain
Executive Member



Md. Foisal Islam Fahad
Executive Member

Executive Committee

Computer Club (Female Section), Dept. of CSE, IIUC



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Vice President - 1



Sabrina Jahan Maisha
Vice President - 2



Mrs. Sultana Akter
Vice President - 3



Fariha Tasnim
General Secretary



Kohinoor Akther Akhi
Assistant General Secretary - 1



Lujain Delwar Hossain
Assistant General Secretary - 2



Raisa Ahmed
Assistant General Secretary - 3



Mahjabin Azad Eva
Office Secretary



Shadrilla Showkat
Assistant Office Secretary



Miftahul Jannat Efa
Assistant Office Secretary



Sumaiya Tabassum
Finance Secretary



Tahiat Tabassum
Asst. Finance Secretary



Siema
Asst. Finance Secretary



Abida Hoque Mili
Asst. Finance Secretary



Sumaiya Binte Azad
Press & Publicity Secretary 1



Tehsim Fariha
Press & Publicity Secretary 2



Naznin Sultana Lamia
Asst. Press & Publicity Secretary



Jabin Tasnim
Asst. Press & Publicity Secretary



Tasfia Sultana Bhuiyan
Asst. Press & Publicity Secretary



Nazibah Maimun
Photography Secretary



Tansia Fahrin Choity
Creative & Design
Secretary



Umme Kulsum Neha
Competitive Programming
Secretary 1



Tasmu Khair Tapu
Competitive Programming
Secretary 2



Shahnaz Akter Jitu
Asst. Competitive Programming
Secretary



Fahmida Talukder
Asst. Competitive Programming
Secretary

Executive Committee

Computer Club (Female Section), Dept. of CSE, IIUC



Maksura Binte Rabbani
Asst. Competitive Programming
Secretary



Anika Nawer
Asst. Competitive Programming
Secretary



Israt jahan
Asst. Competitive Programming
Secretary



Jannatul Ferdous Liza
Social Welfare Secretary



Fariha Zannat
Asst. Social Welfare Secretary



Fariha Jahan
Asst. Social Welfare Secretary



Isma Binte Shafik
Asst. Social Welfare Secretary



Mahmuda Islam Rifah
Asst. Social Welfare Secretary



Rejwana Karim Purba
Debate Secretary



Ummeh Habiba Tahia
Asst. Debate Secretary



Umme Maharunnasa Mim
Asst. Debate Secretary



Nasrin Akter
Asst. Debate Secretary



Fahmida Rahman
Cultural Secretary 1



Fairuz Mumtaheen
Cultural Secretary 2



Nafisa Ayman
Asst. Cultural Secretary



Mst. Rabaka Sultana
Asst. Cultural Secretary



Sadia Isnat
Asst. Cultural Secretary



Ziana Mehnaz Ruhee
Event Secretary 1



Jannatul Adon Joha
Event Secretary 2



Saida Alam Moni
Asst. Event Secretary



Nafisa Nawar
Asst. Event Secretary



Jebanur Rashid Chy
Asst. Event Secretary



Anannya Chowdhury
Research and Development
Secretary



Tahsin Tarannum Chy
Asst. Research & Development
Secretary



Tajniya Nowshin Ome
Asst. Research & Development
Secretary

Executive Committee

Computer Club (Female Section), Dept. of CSE, IIUC



Mst. Maliha Mobassira
Asst. Research & Development
Secretary



Humaira Tarafder
Asst. Research & Development
Secretary



Sadia Mehanaz
Asst. Research & Development
Secretary



Umme Habiba
Sports Secretary



Thanha Amin Tapu
Asst. Sports Secretary



Shumaita Binte Burhan
Asst. Sports Secretary



Jannatul Mawa
Asst. Sports Secretary



Mina Akter
Asst. Sports Secretary



Shahida Islam Tusha
Logistics & Organising
secretary



Fatema Begum Mahera
Asst. Logistics & Organising
Secretary



Hasnatun Nur Tina
Asst. Logistics & Organising
Secretary



Uma Dhar
Asst. Logistics & Organising
Secretary



Rudaba Adnin Chowdhury
Asst. Logistics & Organising
Secretary



Fatema Binte Emran
Asst. Logistics & Organising
Secretary



Umme Sadia Meem
Executive Member



Anjila Jerin Niha
Executive Member



Sharmin Akter
Executive Member



Nowrin akter mahi
Executive Member



Tasmiya Tithi
Executive Member



Nahida Sultana Muntaha
Executive Member



Sanjida Khan
Executive Member



Karina Momtaz
Executive member



Umme Sumaiya Jarin
Executive Member



Nazrana Nahreen
Executive Member

Executive Committee

CCE Club (Male Section), Dept. of CCE, IIUC



Prof. Engr. Md. Razu Ahmed
Advisor



Dr. Mohammed Saifuddin
President



Engr. Md. Jiabul Hoque
Vice - President



Engr. Mohammad Nadib Hasan
Vice - President



Engr. Md. Humayun Kabir
Vice - President
(Proctorial Panel)



Engr. Hasan Jaki
Treasurer



Mehedi Hasan
General Secretary



Imroj Ahasan Mojumder
Assistant General Secretary - 1



Mohammad Afiq
Assistant General Secretary - 2



Raisul Islam
Secretary
Office & Public Relation



Arefin Naim
Secretary
Office & Public Relation



Imtiaz Ali Emon
Secretary, Event



Md. Sanjid Alvi
Secretary, Seminar & Workshop



Sheikh Ishtiaq Shawon
Secretary, Cultural



Md. Shakhawat Hossen
Secretary, Sports



Kazi Tanvirul Islam Sakib
Secretary, Contest



Md. Shahriar Arifat Swapnil
Secretary, Debate



Al-Mahmud Bijoy
Secretary, Graphic & Design



Md. Tahmid Bin Towhid
Assistant Secretary-1
Office & Public Relation



S. M. Shahidullah Kaiser
Assistant Secretary-2
Office & Public Relation



Abdullah Al Noman
Assistant Secretary-1
Finance

Executive Committee

CCE Club (Male Section), Dept. of CCE, IIUC



Syed Md. Azizul Alam
Assistant Secretary-2
Finance



Sazid Anjum
Assistant Secretary-1
Event



Md. Ferdin Alam Jishan
Assistant Secretary-2
Event



Ahmad Musa Saif
Assistant Secretary-3
Event



Reajul Hasan Raju
Assistant Secretary-1
Seminar & Workshop



Md. Zibran Hasan Sourav
Assistant Secretary-2
Seminar & Workshop



Mehraj Ibne Halim
Assistant Secretary
Cultural



Mohammad Ibrahim Maruf
Assistant Secretary-1 Sports



Nadim Mahmud Shanto
Assistant Secretary-2 Sports



Md. Iftakhar Kabir Sakur
Assistant Secretary-1
Contest



Forhadul Islam Fahim
Assistant Secretary-2
Contest



Tahjib Ahmed Siddique
Assistant Secretary Debate



Towhidul Islam
Assistant Secretary-1 Graphic



Nafiu Shams
Assistant Secretary-2 Graphic



Ashifur Rahaman, CCE, IIUC receiving 1st runner up award for Need for Speed contest on the occasion of Tech Fest 2023



Md Sanjid Alvi, CCE receiving 2nd Runner-Up award in Poster Presentation Competition (Track: Engineering) on the occasion of Tech Fest 2023

Executive Committee

CCE Club (Female Section), Dept. of CCE, IIUC



Areez Ha-z Md Zahid
Vice – President



Ummay Sayma Tajkia
Vice – President (Proctorial Panel)



Akila Ibnath
Chief Executive



Ramima Fairuj Hoque
Assistance Chief Executive- 1



Kazi Sultana Sunehra
Assistance Chief Executive- 2



Anika Binte Kamal Ibnat
Convenor



Nusrath jahan
Member Secretary



Lamyea Rashad
Convenor



Mirza Mahjabin Kabir
Member Secretary



Mansura Akhter Eite
Convenor



Mosammat Saima
Member Secretary



Mst. Tabassum Mastaba
Convenor



Umme joynob
Member Secretary



Fariha Sanji
Convenor



Fahima Alam Peu
Member Secretary



Afria Sultana
Convenor



Sadia Fairoza Maisha
Member Secretary

“

Read, "O Prophet," in the Name of your Lord (Allah) Who created.
Created humans from a clinging clot.
Read, Your lord is Most Generous
Who taught (the use of) by the pen.
Taught humanity what they knew not. (Sura Al Alaq: 1-5)

”

Executive Committee

Civil Engineering Club, Dept. of CE, IUC



Prof. Dr. Engr. Md. Abu Eusuf, PEng
President



Engr. Md. Shamim Ahmed
Vice-President - 1



Md. Mohsin Khan
Vice-President - 2



Engr. Amir Fosal
Treasurer



Md. Yasin Arafat
General Secretary



Md. Minhajur Rashid
Assistant General Secretary - 1



S.M. Abrar Fares
Assistant General Secretary - 2



Arnob Barua
Cultural Secretary



Md Mozammel Uddawla
Debate Secretary



M. A. Mahamud Yeamin
Assistant Debate Secretary



Mahbubur Rohman
Sports Secretary



Md Tazwar Syed
Assistant Sports Secretary



Md. Shahriar Bin Sakander
Web Master /
Public Relations - 1



Sheikh Abu Bakar Siddique
Web Master /
Public Relations - 2



Md Al Noor Hosan Khan
Web Master /
Public Relations - 3



Al Riaz Uddin
Web Master /
Public Relations - 4



Durlav Das
Class Representative



Abdur Rahman
Class Representative



Md Mozammel Uddawla
Class Representative



Md. Abu Raihan Akonda
Class Representative



Afnanur Rahman Bhuiyan
Class Representative



Md. Sartaz Hosain Chy
Class Representative

Executive Committee

EEE Club (Male Section), Dept. of EEE, IIUC



Dr. Md. Aasim Ullah
President



Sayed Allamah Iqbal
Vice-President - 1



Mohammad Raihan
Vice President - 2



Engr. Md. Lokman Hossain
Treasurer



Md Sayedul Islam Babu
General Secretary



Omar Faruk
Assistant General Secretary - 1



Md. Tarekuzzaman
Assistant General Secretary - 2



Saiful Islam Shaon
Assistant General Secretary - 3



Tahmid Ahmed Shihab
Public Relation Secretary



Md. Hasin Ishraq
Finance Secretary



Asraful Alam Fahim
Event Management Secretary



Md Morshed Alam
Press & Publicity Secretary



Chy Misrar Mahmood Amin
Seminar & Workshop Secretary



Emdad Hossain
Social Welfare Secretary



Hossen Md Ibrahim
Organizing Secretary



MD Abrar Ibne Shakil
Embedded & Robotics Secretary



Towhidul Islam
Sports Secretary



Najmul Islam Nahid
Cultural Secretary



Syed Mohammad Alvi
Debate Secretary



Rakibul Hassan
Assistant Social Welfare
Secretary



MD. TOWHID HOSSAIN
Assist. Embedded & Robotics
Secretary



Mohd. Ali Ashraf Munna
Assistant Sports Secretary



Sajedul Islam
Assist. Seminar & Workshop
Secretary



Md Tanvir Hossain
Assist. Organizing Secretary-1

Executive Committee

EEE Club (Male Section), Dept. of EEE, IUC



Md Mahin Shahria
Assist. Organizing Secretary-2



Fahian Mahmud
Assist. Office & IT Secretary



Akash Das
Assist. Press & Publicity Secretary



Abdul Muntakim
Senior Executive



Md. Sharfuddin Chy
Senior Executive



Md. Abrar A Mushfik
Senior Executive



Riazul Hoque
Senior Executive



Mohammad Shajahan Rifath
Photographer



Nayeem Uddin Fahim
Graphics Designer



Gazi Nafis
Graphics Designer



Md. Taibur Rahman Toha
Video Editor



Azimul Hoque Sami
Executive Member



Md. Azmain Mahtab Chowdhury
Executive Member



Neaz Tamzid Nishan
Executive Member



Miftahul Ferdous
Executive Member



Md. Minhajur Rahman
Executive Member



Utsha Chowdhury
Executive Member

“

"IF YOU TEACH YOUR CHILDREN THE THREE R's (OF READING, WRITING AND ARITHMETIC) AND LEAVE THE FOURTH R (OF RELIGION), YOU WILL GET A FIFTH R (OF RASCALITY)".

-STANLEY HALL

”

Executive Committee

EEE Club (Female Section), Dept. of EEE, IIUC



Humaira Binte Rahman
General Secretary



Sumera Rahman
Asst. General Secretary-1



Fairoj Safra Rameem
Asst. General Secretary-2



Mehjabin Mahmud
Public Relation Secretary



Israt Jahan Munni
Asst. Public Relation Secretary



Muntaha Sharif Eza
Public Relation Member



Samia Sultana
Public Relation Member



Sumayaa Abedin
Finance Secretary



Shajika Alam
Asst. Finance Secretary



Faria Salim
Finance Member



Sumaiya Tabassum Meem
Finance Member



Marjan Siddika
Office Secretary



Kowsar Kalam
Asst. Office Secretary



Farzana Akhand
Office member



Maysha Rahman
Event Management Secretary



Fatema
Asst. Event Management Secretary



Mashrufa Binte Iqbal
Event Management Member



Nuzhat Anwar
Event Management Member



Nishat Tasnim
Event Management Member



Nowshin Tabassum
Sports Secretary



Mariyam Jahan Riya
Asst. Sports Secretary



Fawzia Fariha
Sports Member



Tanzina Akhter
Cultural Secretary



Sadika Rahman
Asst. Cultural Secretary



Riysha Bintay Islam
Cultural Member

Executive Committee

EEE Club (Female Section), Dept. of EEE, IIUC



Mafruha Hanif
Cultural Member



Faozia Ishrak
Cultural Member



Swagata Barua
Cultural Member



Rudmila Siddiqa
Photography and Video
Editing Secretary



Mahmoda Ferdous
Asst. Photography and Video
Editing Secretary



Jannatul Ferdous Nabila
Photography and Video
Editing Member



Umme Khadiza
Debate Secretary



Tasneem Tabassum Oyshi
Asst. Debate Secretary



Ashfia Siddiqua
Food Secretary



Syeda Saminaj Sultana
Asst. Food Secretary



Fairose Sufra Nitul
Food Sector Member



Mahfuza Begum
Food Sector Member



Arpi Islam
Food Sector Member



Faozia Ishrak, EEE, IIUC receiving champion award in Circuit Solution Competition (female) on the occasion of Tech Fest 2023



Sabrina Akther Chompa, EEE, IIUC receiving 1st runner up award in Circuit Solution Competition (female) on the occasion of Tech Fest 2023

“অন্যায় যে করে ও অন্যায় যে সহে, তব ঘৃণা যেন তারে তৃণসম দহে”- রবীন্দ্রনাথ ঠাকুর

Executive Committee

Telecom Club, Dept. of ETE, IUC



Md Mostafa Amir Faisal
President



Mohammad Woli Ullah
Vice-President



Ahmad
Treasurer



Shahadat Arfin Inty
General Secretary



Shipon Nath
Asst. General Secretary - 1



Motammim Mahdi Jabir
Asst. General Secretary - 2



Md Rakib
Office & Public Relation
Secretary



Md Arman Siddique
Asst. Office & Public
Relation Secretary-1



Muhammad Intiaj Himu
Assistant Office & Public
Relation Secretary-1



Md. Jafrul Hasan
Finance Secretary



Rakib Bhuiyan
Assistant Finance Secretary-1



Aman Ali
Assistant Finance Secretary-2



Ali Mohammad Asad
Event Management Secretary



Jobayed Hasan
Assistant Event Management
Secretary-1



Md. Nazmul Karim Ethun
Assistant Event Management
Secretary-2



Diganta Barua
Event Management
Committee Member-1



Mohammed Shami
Event Management
Committee Member-2



Md Anowarul Alam Sakib
Event Management
Committee Member-1



Isfar Rahman Utshab
Event Management
Committee Member-1



Tanvir Asif Rafi
Event Management
Committee Learner



Julfikar Ali Nayan
Seminar & Workshop Secretary



Md. Aslam Hossain
Assistant Seminar &
Workshop Secretary-1



Sabbir Ahmed
Assistant Seminar &
Workshop Secretary-2

Executive Committee

Telecom Club, Dept. of ETE, IIUC



Yeal Takian Protik
Seminar & Workshop
Committee Member-1



Joy Kanti Nath
Seminar & Workshop
Committee Member-2



Mohammad Sakib
Seminar & Workshop
Committee Member-3



Yeasin Arfat Sumon
Seminar & Workshop
Committee Member-4



Mahmudul Hoque Robin
Seminar & Workshop
Committee Learner



Mohammad Fazlul Hoque
Sports Secretary



Towhiduzzaman Shihab
Asst. Sports Secretary-1



Md. Shafaet Nizam Shawon
Asst. Sports Secretary-2



Amlan Barua
Sports Committee Member-1



Md Naymul Islam Nayeem
Sports Committee Member-2



Shakib Qureshi
Sports Committee Learner



Mahmudul Hasan
Sports Committee Adviser-1



Mohi Uddin Mahi
Cultural Secretary



Mohammad Tanvir Ferdous
Asst. Cultural Secretary-1



MD Yousuf Raihan Rafi
Asst. Cultural Secretary-2



Md shihabul alam
Cultural Committee
Member-1



Abdulla Al Noman
Cultural Committee
Member-2



Mymoon Junaid Chy
Cultural Committee
Member-3



Joy dev
Cultural Committee
Learner



Montachir Billa Rahat
Cultural Committee
Adviser-1

وَمَا أُوتِيْتُمْ مِّنَ الْعِلْمِ إِلَّا قَلِيْلًا

“You have been given only a little knowledge.”
Surah Al-Isra (17:85)

Executive Committee

Pharma Club(Male Section), Dept. of Pharmacy, IUC



Md. Ashraf Uddin Chowdhury
President



Md. Masud Morshed
Vice-President - 1



Maruful Islam
Vice-President - 2



Md Ashraful Islam
Treasurer



Istiaq Mohammad Akil
General Secretary



S.M Jahid Anwar Robin
Assistant General Secretary



Md. Abu Jafor
Public Relations Secretary



Shafayet Hossen Shifat
Seminar & Symposium Secretary



Mohammad Sydul Islam
Sports Secretary



Arman Hossain Mithu
Debate Secretary



Rumman Shahin Mahmud
Cultural Secretary



Polash Sutra Dhar
Literature Secretary



Mashrur Hasan
Asst. Public Relations
Secretary



Ziaul Karim
Asst. Seminar & Symposium
Secretary



Md Diaab Ahmed
Assistant Sports Secretary



Ridwan Mahin
Assistant Debate Secretary



Ismail Hossen
Assistant Cultural Secretary



Hasibul Rahman Shanto
Assistant Literature Secretary

“Are Those Equal, Those Who Know And Those Who Do Not Know? It Is Those Who Are Endued With Understanding That Receive Admonition”

- Sura Az Zumar : 9

Executive Committee

Pharma Club(Female Section), Dept. of Pharmacy, IIUC



Riniara Khatun
Vice-President - 1



Umme Sayema Tajkia
Vice-President - 2



Seema Binte Alam
Treasurer



Warisa Sumaiya
General Secretary



Fahmida Iffat Payel
Assistant General Secretary



Jannatul Naima Eva
Public Relations Secretary



Sabrin Sultana Meem
Asst. Public Relations Secretary



Sabikun Nahar Rakhia
Seminar & Symposium
Secretary



Nazmus Sakib Diba
Assistant Seminar & Symposium
Secretary



Umme Faiza
Sports secretary



Jannat Karim Chowdhury
Assistant Sports Secretary



Farzana Abser Khuki
Debate Secretary



Tahiya Mobaraka Noor
Assistant Debate Secretary



Israt Jahan Salmeen
Cultural Secretary



Sidratul Moontaha
Assistant Cultural Secretary



Kafiya Abbriti Jerin
Literature Secretary



Shafkat Mashyat
Assistant Literature Secretary

“Mothers Should Breastfeed Their Children For Two Full Years – For Those Who Wish To Complete The Full Term Of Nursing, And Clothing And Maintenance Must Be Borne By The Father In A Fair Manner.”

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Partial View of Achievement of IIUC - CSE Alumni



1st batch
Dr. Md. Sanaulah Chy
Professor and Head
CSE,
University of Chittagong



1st batch
Md. Ariful Hasan Shadhon
Senior System Analyst,
Biman Bangladesh Airlines



1st batch
S M Tanver Hassan
Senior Vice President,
Management Info System
IBBL



1st batch
Dr. Md Shan-A-Khuda
Lecturer in Data Science,
Postdoctoral Research Fellow
Leeds Beckett University
UK



1st batch
Engr. Javed Iqbal
Chief Instructor,
Dept. of Computer Technology
Cox's Bazar Polytechnic Inst.



1st batch
Engr. A.F.M. Mizanur Rahman
Chief Instructor,
Dept. of Computer Technology
Shariatpur Polytechnic Inst.



1st batch
Engr. Salam Chowdhury
Chief Instructor,
Chittagong Polytechnic Inst.
Nasirabad, Chittagong.



2nd batch
Engr. Abul Kalam Azad
Chief Instructor,
Dept. of Computer Technology
Ctg Mohila Polytechnic Inst.



2nd batch
Md Humayun Kabir
Senior System Analyst,
AGM, ICT Dept.
Rajshahi Krishi Unnayan Bank



3rd batch
Md Mahadi Hassan
Assot. Prof. & Former Chairman,
Dept. of CSE, IIUC, Bangladesh



3rd batch
Dr. Md. Shakawat Zaman Sarker
Assot. Prof. and Chairman,
Dept. of EEE
Uttara University



4th batch
Dr. Md. Ashrafur Islam
Professor and Dean,
FSE, UITS



5th batch
Mrs. Zinia Sultana
Associate Professor
CSE, IIUC



5th batch
Engr. Shahid Ullah
System Analyst
BD Fisheries Research Inst.
Dhaka



7th batch
Engr. Shafiqurrahman
Asst. Vice President,
Trust Bank Ltd, Head office
Dhaka Cantonment



7th batch
Engr. Kamruzzaman Titu
Asst. Manager, New age
Group of Companies, Dhaka



7th batch
Engr. Md Habibur Rahman
 Programmer, BISE
 Jessore, Khulna, Bangladesh



7th batch
Engr. Md. Mushfiqur Rahman
 Chief IT Officer (CITO)
 FSIB PLC, Dhaka



7th batch
Engr. Md Sayed Noor
 Assistant Vice President
 Head Office, UCBL, Dhaka.



7th batch
Engr. Md. Mozammel Hoq
 Senior Program Manager
 Palli Karma-Sahayak Foundation
 Finance Ministry, Dhaka



7th batch
Md. Mashiur Rahman Mazumder
 Senior Program Manager
 Palli Karma-Sahayak Foundation
 Finance Ministry, Dhaka



7th batch
Engr. Md. Sazedul Islam
 Software Test Engineer
 Dept. of Homeland Security
 Washington DC, USA.



8th batch
Yeasin Arafat
 Senior Software Developer
 United Nations
 New York, USA



8th batch
Engr. Salam Chowdhury
 Country Manager at JRF
 Intelligence Co. Ltd.
 Fukushima, Japan



9th batch
Dr. Md. Shahnur Azad Chy
 Associate Professor
 Dept of Business Administration
 IUC, Bangladesh



9th batch
Mazadul Hoque
 Co-Founder & Managing Partner
 Vine Technologies, Dhaka



9th batch
Tanvir hahriar Rimon
 Executive Director & CEO
 RANCON



10th batch
Dr. Zia Uddin
 Research scientist
 Software and Service
 Innovation Group
 SINTEF Digital, Norway



10th batch
Farhana Haider
 Advisory Software Developer
 IBM, Scarborough
 Ontario, Canada



11th batch
Dr. Abdul Kadar Md Masum
 Professor
 Dept. of Software Engineering
 DIU, Bangladesh



11th batch
Dr. Md. Liakat Ali
 Assistant Professor II
 Computer Science
 Dept. of Computer Science and Physics
 College of Arts and Sciences
 Rider University, New Jersey, USA



11th batch
Dr. Hijbul Alam
 Software Engineer
 Tecnotree Corporation
 Pirkanmaa, Finland



11th batch
Dr. Kamanashis Biswas
 SMIEEE, Lecturer in IT
 Australian Catholic University
 Australia



11th batch
Dr. Md. Moinul Hossain
 Lecturer
 School of Engineering and
 Digital Arts
 University of Kent, UK



11th batch
Md. Erfanul Hoque
 Vice President
 Artificial Intelligence
 Research, and Development
 Tiger IT Bangladesh Ltd.



11th batch
Md Taher
 General Manager
 AishodoCo.,Ltd.,
 Managing director
 Ryo international Japan



11th batch
Rezwana Rahman
 IT Professional
 Siemens Bangladesh Ltd



11th batch
S M Nazmul Hasan
 Manager
 Standard Chartered BD



11th batch
Ohidul Islam Rajib
 Branch manager,
 Branch Sales,
 Service Manager
 Eastern Bank PLC.



11th batch
Engr. Md. Nurul Huda
 Managing Director
 Icon Group



11th batch
Md. Ismail
 CEO & Head of Engineering
 Dept. at Sky Digital (BD) Ltd



11th batch
Md Azad
 Software Development Engineer
 Test at CVS Health
 New York, USA



12th batch
Mustagis Billah
 Director at PGD in ICT Program
 Professor and Head
 Dept of CS and Mathematics
 Bangladesh Agricultural University



12th batch
Mr. Md. Mahmudur Rahman
 Associate Professor, CSE
 IIUC



12th batch
Dr. Md. Arafatur Rahman
 Senior Lecturer
 University of Wolverhampton
 UK



12th batch
Sultana Akter
 Associate Professor
 BBA, IIUC



12th batch
Engr. Aftab Ahmed Mostofa
 Corporate Director
 BJIT Inc, Japan
 Chief Technical Consultant
 Offshore R&D, and Innovation Labo
 BJIT Japan & BJIT U.S.A



12th batch
Atiquzzaman Setu
 Senior Software Developer
 Saxo Bank A/S
 Copenhagen, Denmark



12th batch
Dr. Md. Zakirul Alam Bhuiyan
 SMIEEE, Tenured Assot. Prof
 Dept of CIS
 Fordham University
 New York, USA



12th batch
Rashedul Mazid
 Managing Director
 Raise IT Solutions Ltd.
 Founder & CEO at RITS Browser
 Founder & CEOA2z Comparison
 Co-Chairman at BASIS



12th batch
Fuad Bin Mostafiz
 Head of Operation
 ASF International



12th batch
Md. Abdul Momin
 Senior Asst. Secretary
 National Telecom Monitoring Centre
 Public Service Division
 Ministry of Home Affairs
 Bangladesh



12th batch
Engr. Rajib Das
 CEO, W3xplorers Bangladesh
 Ctg Software Technology Park



12th batch
Jahir Raihan
 2nd Level Operations Manager
 LM Ericsson Bangladesh Ltd



12th batch
Md Arif Hasan
 Sr. Executive Officer
 NCC Bank Ltd



12th batch
Javed Iqbal
 Senior Manager
 Technology
 BRAC Bank PLC



12th batch
Mozammel Haque
 GIT Specialist
 Heidelberg Cement
 Bangladesh



12th batch
Shoaib Naoshad
 Head IT, Infrastructure,
 Governance & Security,
 Berger Paints Bangladesh Ltd



12th batch
Jashirul Abedin
 Project Manager
 Huawei
 Bhutan



13th batch
Masud Rahman
 Lieutenant Colonel
 Bangladesh Army



13th batch
Dr. Shayla Islam
 Assistant Professor
 UCSI University
 Malaysia



13th batch
Dr. Md Towfiqur Rahman
 Asst. Professor
 Dept of CSE
 University of Asia Pacific



13th batch
Dr. Francis Palma
 Assistant Professor
 University of New Brunswick
 Canada



13th batch
Faisal Ahmad
 Director
 Digital Platforms & Eng.
 Banglalink Digital



13th batch
Dr. MD AKHTARUZZAMAN
 Asst. Professor & Researcher
 (Robotics & Mechatronics)
 Dept. of CSE, MIST, Dhaka
 Web Consultant (Online Journal)
 MIJST & NDC JOURNAL



13th batch
Nur-E-Alam
 AGM, Project Management Dept
 Synesis IT Limited
 Dhaka Bangladesh



14th batch
Feroz Ahmed Siddiky
 Developer of the first humanoid
 robot in Bangladesh,
 Former Faculty of UIU
 PhD student, researcher
 Universität Bremen



14th batch
Md. Mahabubul Hasan Masud
 Principal Engineer
 Software / Lead Product Owner and
 Former Sr. Staff Software Eng
 Palo Alto Networks,
 Former Full Stack Engineer
 Apple Inc., California, USA



14th batch
Rajib Hasan
 Software Engineer, Tech Loge
 London, UK
 Former Head of News
 NTV Europe



14th batch
Md Habibur Rahman
 IT Manager, IBBL



14th batch
ANM Saiful Islam
 Lead Software Engineer
 Content and SaaS
 Geekflare, Head of Planning
 Wild Hoot and President
 DesignWarriors



15th batch
Ashrafuzzaman Emon
 Senior Software Engineer
 Experian, Malaysia



15th batch
Saif Shobuj
 Applications Engineer
 楽天市場 (Rakuten Group, Inc.
 Japan



16th batch
Belal Ahmed
 Founder & CEO
 Deshik Consulting
 Marketing Agency



17th batch
Md Toufiqul Islam
 DGM, Business Development
 DCL, Daffodil Family



17th batch
Dr. Md Aman Ullah
 Associate Professor
 Chairman (Current in Charge)
 Dept. of CSE, IIUC



18th batch
Dr. Mohammad Azam Khan
 Research Scientist Kim Jaechul
 Graduate School of AI Korea
 Advanced Inst of Science and
 Technology, Daejeon
 Republic of South Korea.



18th batch
Liakat Ali Bhuiyan
 Additional Managing Director
 Walton Digi-Tech Industries Ltd



19th batch
Mahedee Hasan
 Senior Software Developer
 Canadian Health Solutions
 Former Head of Software
 Development, ASA Int.



19th batch
Dr. Shahera Hossain
 Assistant Professor
 Dept of CSE
 University of Asia Pacific



19th batch
Dr. Mohammad Amanul Islam
 Ph.D. from Xidian University
 Xi'an, Shaanxi, China



28th batch
A.H.M Fazil
 Deputy Director of Education
 Human Resource
 Development Division
 Ministry of Education, Sri Lanka



33rd batch
Kazi Shoaib Muhammad
 Assistant Programmer
 Office of the (CCA), ICT Division
 Ministry of Posts
 Telecommunications &
 Information Technology, Dhaka



33rd batch
MD. Toufique Ahmed
 Senior Officer
 IT Audit and Inspection
 Dept, Janata bank
 Head office, Dhaka



39th batch
Erfanul Hoque Bahadur
 Artificial Intelligence Engineer
 Chiyoda Corporation
 Japan



40th batch
Md. Kalim Amzad Chy
 Director
 & Chief Innovation Officer
 Neocon Technologies Ltd.
 Dhaka



40th batch
Tanvir Sifat
 Engineering instructor
 (41st BCS)



40th batch
Md. Jahedul Kader Forman
 Sr. Data Engineer
 Insightin Technology, Dhaka

Partial View of Achievement of IIUC - CCE Alumni



Meraz Ahmed Zahedi
Superintended Engineer,
KSRM
1st batch



Enamul Hoque
Deputy Manager,
Teletalk Bangladesh Ltd.
4th batch



Muahammed Nasir Uddin
Chairman at Alhaj Shamsul Hoque Foundation
Deputy Managing Director at Hayat Development Ltd.
4th batch



Md. Mosharof Hossain
Senior Microwave Engineer
at Huawei
5th batch



Engr. Abdul Gafur
Associate Professor
Electronic and Telecommunication Engineering,
International Islamic University Chittagong, Bangladesh
5th batch



Md. Sarfuddin Daiher Tajalli
First Assistant Vice President
(Network & Information Security) at
First Security Islami Bank Ltd.
5th batch



Mohammed Taslim Hossain
Technical Lead
(APMEA-iDEAS D&C, Telenor Global)
Wipro, Dhaka Bangladesh
7th batch



Engr. Mohammad Abdul Muiez
AGM (Transmission and Datacom) at
GETCO Telecommunications Limited
Bangladesh
7th batch



Faisal Ahmed
Director,
Digital Platforms & Engineering
Banglalink
3rd batch



Dr. A.S.M. Iftekhar Uddin
Head of the Department of CSE
Metropolitan University
Sylhet
4th batch



Dr. Jia Uddin
Professor, AI and Big Data Department
Endicott College, Woosong University,
Daejeon, South Korea
4th batch



Dr. Md Anowar Hossain
Senior Researcher
Prince Sultan Defense Studies and Research Center
Ministry of Defense, Riyadh, Saudi Arabia
5th batch



Mohasin Chowdhury
Technical Lead, Mahindra
Comviva
5th batch



Sujoy Podder
Project Management, Operation,
People Management, Ericsson Telecommunications Inc.
Dhaka, Bangladesh
6th batch



Syed Riazul Islam Karim
Deputy Manager
(ICT Division Head Office Dhaka)
at BASIC Bank Ltd
7th batch



Md. Golam Dastagir
Administration Manager
Toastmasters International
Chattogram.
8th batch



Saif-Ud-Dowla
 Manager at Teletalk
 Bangladesh Limited
 8th batch



Iqbal Hasan Haider
 IT support and operation at FLSmidth
 Copenhagen, Capital Region
 Denmark
 9th batch



Jahidul Hoque Naushad
 Information Security Manager at
 Global Islami Bank PLC
 Dhaka, Bangladesh
 11th batch



Mohammad Shahjahan
 Senior Officer
 Global Islami Bank Limited
 DevOps and System Administrator, Prothom Alo
 13th batch



Halimuzzaman Mahmud
 Deputy General Manager
 (Operation & Maintenance) at
 bKash Limited
 12th batch



Mohammod Sazid Zaman Khan
 Assistant Professor
 Computer Science and Engineering,
 IUC, Chittagong, Bangladesh
 13th batch



Iqbal Ipel
 Software Architect
 Lowe's Companies, Inc.
 USA
 14th batch



Shidul Alam Kaiser
 Technical Operations Manager
 Apple Communication Ltd
 18th batch



Rashedur Rahman chowdhury
 Global Business Director - Operator Partnership
 Infobip, United Arab Emirates.
 8th batch



Mohammad Tahidul Islam
 Lecturer at Melbourne Institute of Technology (MIT)
 Melbourne, Victoria,
 Australia
 9th batch



Md. Facihul Azam
 Embedded SW Specialist,
 Nokia Bell Labs, North Ostrobothnia
 Finland
 10th batch



Engr. Syed Zahidur Rashid
 Assistant Professor & Chairman
 Electronic and Telecommunication Engineering,
 IUC, Chittagong, Bangladesh
 11th batch



Mohammad Zakaria
 Software Engineer at Capgemini
 Hannover, Lower Saxony
 Germany
 12th batch



Nasimul Hyder Maruf Bhuyan
 IT Support Specialist
 Bristol Myers Squibb
 Copenhagen, Denmark
 13th batch



Dr. Sakil Barbhuiya
 Data Scientist at Magnite
 Belfast, Northern Ireland
 United Kingdom
 14th batch



Md. Rabiul Alam
 Sr. Software Engineer at
 KY Steel Division
 18th batch



Tauseef Emraj Shehan
 Deputy Manager (IT) at
 Meghna Group of Industries
 Chittagong, Bangladesh
 19th batch



Adil Mahmud Roman
 Lecturer, Dept. of CSE, IUC, Bangladesh.
 Research Assistant at Carleton University
 13th batch

Partial View of Achievement of IIUC - EEE Alumni



Khandakar Abdulla Al Mamun
Assistant Professor
Dept. of EEE
IIUC, Bangladesh
1st batch



Chinmoy Dewanjee
Electrical Engineer
SS Power I Limited
2*612 MW coal-fired power plant
1st batch



Muhammed Imranur Rashid
Senior Manager (Electrical)
Diamond Cement Limited
2nd batch



Saifuddin Sakyb
Manager (Electrical & Controls)
Zicom equipment BD Private LTD
3rd batch



Eng. Mashfiqur Rahman
Chief specialist (Health, safety, environment and radiation safety)
JSC ATOMSTROYEXPORT
(Engineering Branch of ROSATOM)
3rd batch



ASM Tahsin Ahmed
Depot Manager/Manager-Sales
Organisation: Sarens Bangladesh Pvt LTD.
5th batch



Engr. Mohammad Jalal Uddin
Assistant Professor
Dept. of EEE, IIUC
6th batch



Md Khurshedul Islam
Senior Mechatronics Design Engineer
Advanced Semiconductor Materials Lithography
(ASML)
7th batch



Sqn. Ldr. Md. M. Tanvir Chowdhury
Commissioned Officer,
Rank: Squadron Leader (Major)
Bangladesh Air Force (BAF)
7th batch



Rabbi Al Mamun
Technical Engineer - FA, LVS, IIoT
Mitsubishi Electric, Industrial Division,
Dhaka Representative Office, Banani
9th batch



Muhammad Rasedul islam
Research & Development Engineer
Electrical Product development division
Motor & Control department, control group.
Toyota Boshoku Corporation, Japan.
10th batch



Muhammad Sifatul Alam Chowdhury
Instructor, Biomedical Engineering
College of the North Atlantic, Canada
13th batch



MD Mobarak Karim
PhD Candidate/ Graduate Research Assistant
University of Houston, TX, USA
14th batch



Injamul Alam
Lead specialist,
(Planning and equipment supply records)
JSC ATOMSTROYEXPORT
(Engineering Branch of ROSATOM)
14th batch



Asad Ullah Galib
Physical Design Engineer
Synapse Design Inc.
(Multinational Chips Designing Company)
15th batch



S M Zia Ur Rashid
Cyber Fellows (Research Assistant)
The University of Tulsa
18th batch

Partial View of Achievement of IIUC - ETE Alumni



Engr. Abdifatah Isak Mohamed
Deputy Minister of Education
South West State of Somalia
1st batch



Foysal Bin Wadud
Maintenance Engineer-Network
Principal Officer
Bangladesh House Building
Finance Corporation
1st batch



Md Mizanur Rahman
Entwickler Von Embedded
Systems, Germany
1st Batch



Abu Zafar Mohammad Imran
Lecturer, Depart of ETE at IIUC
Pursuing M.Sc. in Electronics Engineering
University of Hertfordshire, UK
4th batch



Zakaria Islam
Research Assistant
Ubica Robotics, Germany
5th batch



Mohammed Jaber Alam
PhD Research Fellow
Casual Academic School of
Engineering & Technology
CQUniversity, Australia
7th batch



Hassan Jaki
Lecturer
Dept. of CCE, IIUC
8th batch



Md Imtiaz Kamrul
PHD Student
University of Alabama, USA
10th batch



Md. Humayun Kabir
Lecturer
Dept of CCE, IIUC
10th batch



Md Moshin
Assistant Lecturer
Dept of ETE, IIUC
12th batch



Sayed Mainul Islam
Chairman & CEO
mPair Technologies Ltd
12th batch



Mohammad Lutful Hakim
PHD Student, National
University of Malaysia.
12th batch



Mohammad Ishtiaque Khan
Adjunct Lecturer
Dept. of ETE, IIUC.
14th batch



Md. Kutub Uddin
Graduate Research Assistant
Universiti Kebangsaan Malaysia
16th batch

Partial View of Achievement of IIUC - Pharmacy Alumni



1st batch
Jahir Uddin Babor
Senior Business Development
Manager, Oncology
Beacon Pharmaceuticals Ltd.



2nd batch
S M Anisul Islam
Biopharmaceutics Reviewer
U.S. Food and Drug
Administration, USA



2nd batch
Mohammad Ikram
Research Analyst/
Data Scientist
Penn State Hershey Cancer
Institute, USA



2nd batch
Md Ariful Islam
Anesthetic Practitioner
Queens Hospital, UK



2nd batch
Mohammad Nazmul Islam
Lecturer, Dept. of Pharmacy
IIUC



2nd batch
Muhammed Hasan Mahmud
Graduate Pharmaceutical
Technician
Xeal pharma Ltd, UK



2nd batch
Saiful Alam Siddique
Senior Officer
Quality Assurance
GlaxoSmithKline
Bangladesh Ltd



2nd batch
Kaiser Parvez Biplob
Deputy Manager, Marketing
Navana Pharmaceuticals
Limited



3rd batch
H.M Arif Ullah
Postdoctoral Research Associate
The University of Utah



3rd batch
Mohammad Akbar Hossain
Credit Councilor
Canadian Imperial Bank of
Commerce, Canada



3rd batch
Irfanul Huq
Captain
Kuwait Army
Ministry of Defence
State of Kuwait



4th batch
Md Khalilur Rahman
Postdoctoral Researcher
University of Sydney
Australia



4th batch
Muhammad Erfan Uddin
Senior Clinical Pharmacologist
AbbVie Pharmaceuticals
USA



4th batch
Md Ashraf Uddin Chy
Lecturer, Dept. of Pharmacy
IIUC



5th batch
A T M Yusuf
 Assistant Professor
 USTC



7th batch
Md. Abul Barakat Fahad
 Customer assistance
 TESCO, UK



7th batch
Rana Dhar
 Post-Doctoral Researcher
 Zhejiang University, China



8th batch
Md Yasin Sarkar
 Regional Sales Manager
 Janata Healthcare



8th batch
Md Abdullah Al Mamun
 Senior Executive
 Healthcare Pharmaceuticals Ltd.



10th batch
Md Adnan
 Research Assistant
 University of Utah



10th batch
Md Shah Hafez Kabir
 PhD
 Wayne State University



10th batch
Md. Intiazul Kabir
 PhD, Dept of Pharmaceutical
 Science, South Dakota State University
 USA



6th batch
Md Shofiul Azam
 Postdoctoral
 New York University, USA



7th batch
Rashedul Alam
 Research Assistant
 Hollings Cancer Center
 Medical University of South
 Carolina, USA



7th batch
Md. Mostafa Chy
 CRR Associate
 Endocrinology Dept
 Prince William Medical Center
 Manassas, Virginia, USA



8th batch
Dr. Md Areeful Hoque
 Research Scientist
 The University of Texas MD
 Anderson Cancer Center, USA



8th batch
Kazi Omar Faruk
 Project Pharma Manager
 Médecins Sans Frontières (MSF)



10th batch
Md Jakaria
 PhD Researcher
 The University of Melbourne
 Australia



10th batch
Md. Nazim Uddin
 Graduate Research Assistant
 PhD
 Utah State University



10th batch
Reedwan Bin Zafar Auniq
 PhD student, Dept of Joint School
 of Nanoscience and Nanoengineering,
 North Carolina A&T State University, USA



10th batch
Md. Rakib Uddin
 MSc
 University of Wollongong
 Australia



10th batch
Mohammed Shoibe
 MSc
 University of Wollongong
 Australia



11th batch
Md Imran Ahammad Chy
 Senior Officer
 Quality Assurance
 Beximco Pharmaceuticals Ltd.



11th batch
Md Raihan Uz Zaman
 PhD Student
 Griffith University, Brisbane
 Queensland, Australia



12th batch
Mohammad Alam Rana
 Assistant Manager
 Quality Assurance
 Eskayef Pharmaceuticals Limited



12th batch
Mohammad Injamul Hoq
 Lecturer & Coordinator,
 Public health Department
 UCTC, Chittagong



14th batch
Mohammed Sohel Meah
 PhD Student, Faculty of
 Pharmaceutical Sciences
 Chulalongkorn University
 Thailand



14th batch
Md Abu Hanif
 Senior Quality
 Assurance Executive
 Eskayef Pharmaceuticals Ltd.



14th batch
Shahenur Alam Sakib
 Officer, Quality Control
 Beximco Pharmaceuticals Ltd.



15th batch
Md. Nazmul Hasan Babu
 Senior Officer
 Quality assurance
 Incepta Bioscience division
 of Incepta Pharmaceuticals Ltd



16th batch
Osman Goni
 Research Assistant
 German Center for
 Neurodegenerative Diseases
 Germany



17th batch
Mohammad Forhad Khan
 Teaching Fellow
 Research Assistant and Visiting
 Scientist, University of
 Massachusetts Boston, USA



18th batch
Nazin Uddin Emon
 Graduate Training Assistant
 University of Arkansas, USA



18th batch
Najmul Alam
 Msc in Insect Biotechnology and
 Bioresources, Justus-Liebig-
 Universität Gießen, Germany.



18th batch
Saifullah Mansur Tanzil
 Phd. in Pharmaceutical Sciences
 Virginia Commonwealth University
 USA



18th batch
Md Arfin Ibn Aziz
 Msc. in Microbiology
 Friedrich schiller universitat
 Jena, Germany



18th batch
Mahmudul Hasan Itu
 MSc. in Medical &
 Pharmaceutical Biotechnology
 University of Technology
 Sydney, Australia



18th batch
Nobi Ul Alam Shahin
 Msc in Insect Biotechnology and
 Bioresources
 University of giessen, Germany



18th batch
Md Ahsan Ullah
 Md Ahsan Ullah
 Lecturer, Dept. of Pharmacy.
 IIUC



18th batch
Fowzul Islam Fahad
 Hospital Pharmacist
 Evercare Hospital
 Chattogram



18th batch
Azim Uddin Repon
 Officer, Quality Control
 Renata Limited



18th batch
Ashiqur Rahman Shuvo
 Senior Officer
 Quality Assurance
 Renata Limited



18th batch
Md Mehedi Hasan Razu
 Officer, R&D
 Beximco Pharmaceuticals Ltd.



18th batch
Mohammad Abul Maula
 Officer, Quality Control
 Incepta Pharmaceuticals Ltd



18th batch
Tareq Rahman
 Officer, R&D
 Beximco Pharmaceuticals Ltd



18th batch
Nayeem Uddin Rifat
 Executive
 Product development
 Opsonin Pharma Limited



20th batch
Abu Montakim Tareq
 Research Assistant
 Dept of Chemistry
 University of Houston, USA



20th batch
Mohammad Arman
 Lecturer, Dept of Pharmacy.
 IIUC



20th batch
Syed Al Jawad Sayem
 Graduate Research Assistant
 Kyungpook National University
 South Korea



20th batch
Saif Farhad
 M.Sc. in Nutrition and
 Biomedicine, Technischen
 Universität München, Germany



20th batch
Abu Nazer Hasbe
 Dept of Pharmacological and
 Biomolecular Sciences
 Università degli Studi di
 Milano, Italy



20th batch
Farhanul Islam Imo
 M.Sc. in Insect Biotechnology
 Justus-Liebig-Universität
 Gießen (JLU), Germany



21th batch
Muhammad Abu Sayem
 Executive, R&D (Formulation)
 Aristopharma Ltd.



22th batch
Abdullah Al Noman
 R&D analytical
 Incepta Pharmaceuticals Ltd



22th batch
Zidan Khan
 MSc, Dept of Chemistry
 University of Tennessee
 Knoxville, USA



1st batch
Nawara Habib
 Lecturer
 Dept of Pharmacy
 IIUC



2nd batch
Seema Binte Alam
 Lecturer
 Dept of Pharmacy
 IIUC



3rd batch
Rahni Hossain
 Ph.D. Candidate
 Walailak University, Thailand



3rd batch
Tahmina Akter Bristy
 Officer
 Quality Assurance
 Renata Limited



3rd batch
Mifta Ahmed Jyoti
 Officer
 Quality Control
 Renata Limited



21th batch
Md. Abu Hanif
 Lecturer, Dept of Pharmacy
 IIUC



22th batch
Md. Mahmudul Hasan
 Graduate Student of Medicine
 Universite Paris-Saclay
 France



1st batch
Enama Nabi Shetu
 Lecturer
 Dept of Pharmacy
 IIUC



2nd batch
Jannatul Nasma Rupa Moni
 Lecturer
 Dept of Pharmacy
 IIUC



3rd batch
Monoara Begum
 Family Welfare Assistant,
 Directorate of Family Planning
 Chattogram



3rd batch
Israt Jahan
 Lecturer
 Dept of Pharmacy
 IIUC



3rd batch
Saida Tasnim Etu
 Executive
 Production
 Pharmasua Limited



3rd batch
Sunzida Ummul Ashraf
 Officer
 R&D (Analytical)
 Incepta pharmaceutical Ltd

LIST OF THE WINNERS TECH FEST 2023

01

Inter - University Programming Contest

Champion (Chittagong University) CU_ChunoPuti



Nayemur Rahman Nayem



Md. Sabbir Hasan Bhuiyan



Tapos Chandra Das

1st Runner-up (CUET) Fugitives



Ashfaqur Rahman



Tanzim Bin Nasir



Md. Rejwan Kabir Hamim

2nd Runner-up (IIUC) Big_Brothers



Mohammad Nayemul Islam
CSE, IIUC



Easar Mostafa Sajid
CSE, IIUC



Abu Bakkar Siddik
CSE, IIUC

Best Female Team (NSTU) NSTU_DOT



Puja Dhar



Poly Akter



Khadija Tui Kubra

02

Inter-University Idea Generation Competition

MALE

Champion (IIUC)



Mohammad Shaad Sajjad
CSE, IIUC



Mohammad Fahim Muntasir Akib
CSE, IIUC



T. M. Rafidul Hasan
CSE, IIUC

1st Runner-up (IIUC)



Rashedul Arefin Ifty
CSE, IIUC



Afif Hossain Irfan
CSE, IIUC



MD Ismail
CSE, IIUC

2nd Runner-up (IIUC)



Rakibur Rahman
Pharmacy, IIUC



Mohammad Wahidul Ahad
Pharmacy, IIUC

LIST OF THE WINNERS TECH FEST 2023

FEMALE

Champion (IIUC)



Takiya Sultana Nova
CSE, IIUC



Anika Rahnuma Ema
CSE, IIUC

1st Runner-up (IIUC)



Jannatul Mawa
CSE, IIUC



Ayesha Akter
CSE, IIUC

2nd Runner-up (IIUC)



Afifa Al Kobra
CSE, IIUC



Sabrina Yesmin
CSE, IIUC



Sanjida Akter
CSE, IIUC

03

*Inter-University Mobile Games
and Apps Development
Competition*

Champion (IIUC)



Pranay Chakraborty
CCE, IIUC



A R M Abrar ul Hoq
CCE, IIUC

1st Runner-up (IIUC)



MD Tarek Rahman
CSE, IIUC

2nd Runner-up (IIUC)



Jaber Amin
CSE, IIUC



Abdullah Mohammed Bakhtiar
CSE, IIUC

04

*Inter-University Project
Showcase Competition*

Champion (IIUC)



A.K.M. Kalam
EEE, IIUC

1st Runner-up (CU)



Atanu Kumar Dey



Mohaimen Sarkar



Md. Saif Uddin

2nd Runner-up (IIUC)



Humayun Rashid Shakil
Pharmacy, IIUC



Mayin Uddin Hasn
Pharmacy, IIUC

LIST OF THE WINNERS TECH FEST 2023

Best Female (IIUC)



Farhana Ahmad
CSE, IIUC



Sadia Islam
CSE, IIUC



Sumaiya
CSE, IIUC

Best Young Star (IIUC)



Sazidul Islam Hira
CSE, IIUC



Md. Saiful Chowdhury
CSE, IIUC



Md. Shahriar Alam
CSE, IIUC

05

Inter-University Robo Soccer Competition

Champion



Md Nahid Hossain
Sahid Suhrawardy Collage



Md Nadim Hossain
Salimullah University College



Sayed Ahammed
Salimullah University College

Runner-up



Md Rakib Dider
Salimullah University College

06

Math Olympiad (GROUP ALPHA)

MALE

Champion (IIUC)



Usama
CSE, IIUC

1st Runner-up (IIUC)



Sabbir Hossen Meahjee
CSE, IIUC

2nd Runner-up (IIUC)



Md. Shahriar Alam
CSE, IIUC



Sayed Ahmed
CSE, IIUC

“বিশ্ব-জগৎ দেখব আমি আপন হাতের মুঠোয় পুরে”- কাজী নজরুল ইসলাম

LIST OF THE WINNERS TECH FEST 2023

FEMALE

| Champion | 1 st Runner-up | 2 nd Runner-up |
|---|---|--|
|  |  |  |
| Hurien Jannat CSE, IIUC | Fayeza Afrah Hissan CSE, IIUC | Sumaia Tarannoom Mahi CSE, IIUC |

07

**Math Olympiad
(GROUP BETA)**

MALE

| Champion | 1 st Runner-up | 2 nd Runner-up |
|--|--|--|
|  |  |  |
| Syed Mohammad Alvi EEE, IIUC | Nazrul Islam Sajib CSE, IIUC | Mohammad Jubaer CCE, IIUC |

FEMALE

| Champion | 1 st Runner-up | 2 nd Runner-up |
|---|--|--|
|  |  |  |
| Samihah Binte Sharif CSE, IIUC | Umme Muntahina CSE, IIUC | Miftahul Jannat CSE, IIUC |

08

**Poster Presentation
Competition (ENGINEERING)**

| Champion (IIUC) | 1 st Runner-up (IIUC) | 2 nd Runner-up (IIUC) |
|---|---|---|
|  |  |  |
| Rashedul Arefin Ify CSE, IIUC |  |  |
| | Afria Sultana CCE, IIUC | Md Sanjid Alvi CCE, IIUC |
| | Lamya Rashad CCE, IIUC | Mohammed Shakhawat Hossen CCE, IIUC |

“যে দেশে গুনের সমাদর নেই, সে দেশে গুণী জন্মাতে পারে না।”- ডক্টর মুহম্মদ শহীদুল্লাহ
(Source: https://bn.wikiquote.org/wiki/মুহম্মদ_শহীদুল্লাহ)

LIST OF THE WINNERS TECH FEST 2023

Best Emergence Poster Award (IIUC)



Fariha Sanji
CCE, IIUC



Akila Ibnath
CCE, IIUC

09

Poster Presentation Competition (SCIENCE)

Champion (IIUC)



Humayun Rashid Shakil
Pharmacy, IIUC



Md. Mayin Uddin Hasan
Pharmacy, IIUC

1st Runner-up (IIUC)



S.M. Asadul Karim Azad
Pharmacy, IIUC



Mohammad Arman
Pharmacy, IIUC

2nd Runner-up (IIUC)



Sultana Jannat
Pharmacy, IIUC

10

Medicinal Plant Show Competition

MALE

Champion (IIUC)



Zahidul Alam Sajib
Pharmacy, IIUC



Md. Meherajul Kabir
Pharmacy, IIUC



Md. Sojev Uddin
Pharmacy, IIUC

“যারা বলে অসম্ভব, অসম্ভব তাদের দ্বারা সেই বেশি হানা দেয়।”- ডক্টর মুহম্মদ শহীদুল্লাহ

LIST OF THE WINNERS TECH FEST 2023

1st Runner-up (IIUC)



Yasin Arafath
Pharmacy, IIUC



Mohammed Faisal
Pharmacy, IIUC



Abdul Kader Tusher
Pharmacy, IIUC

2nd Runner-up (IIUC)



Md Ahmed Muhtasim Arma
Pharmacy, IIUC



Monjurul Hoque Anik
Pharmacy, IIUC



Shorub Mahmud
Pharmacy, IIUC

FEMALE

Champion (IIUC)



Sumaiya Binte Sharif
Pharmacy, IIUC



Farzana sultana
Pharmacy, IIUC



Farzana Hossain
Pharmacy, IIUC

1st Runner-up (IIUC)



Iffat Jahan
Pharmacy, IIUC



Tazin Akter
Pharmacy, IIUC

2nd Runner-up (IIUC)



Cornea Barua
Pharmacy, IIUC



Farzana Ycasmin Tusha
Pharmacy, IIUC



Sumaiya Tasnim Tamanna
Pharmacy, IIUC

11

Circuit Solution Competition

MALE

Champion



Mohammed Mohiuddin
EEE, IIUC

1st Runner-up



Sacawat Hossain
EEE, IIUC

2nd Runner-up



Musfiq Hasib Rifat
EEE, IIUC

FEMALE

Champion



Faozia Ishrak
EEE, IIUC

1st Runner-up



Sabrina Akther Chompa
EEE, IIUC

2nd Runner-up



Musammat Nishat Anjum
EEE, IIUC

LIST OF THE WINNERS TECH FEST 2023

12

Mechanics Olympiad Competition

Champion



Md. Saidul Hossain
CE, IUC

1st Runner-up



Mohammed Minhajur
Rashid Chowdhury
CE, IUC

2nd Runner-up



Mohammad Arican Hossain
CSE, IUC

13

Tech Olympiad

MALE

Champion



Khondaker Ashiqur Rahman
CSE, IUC

1st Runner-up



Ridwan Ahmed Chy
Pharmacy, IUC

2nd Runner-up



Mohammad Hussain
EEE, IUC

FEMALE

Champion



Souda Begum
CSE, IUC

1st Runner-up



Sultana Akter
CSE, IUC

2nd Runner-up



Sumaia Tarannoom Mahi
CSE, IUC

14

Cyber Gaming Contest

Call of Duty Mobile

Champion (IUC)



Khalid Ibne Masud
BBA, IUC



Imtiaz Mahmud
ELL, IUC



Emon Hossain Foysal
BBA, IUC



Arka Tapas Barua
BBA, IUC



Md. Shakib Ahmed Niloy
BBA, IUC

Albert Einstein said, "Science without Religion is Lame, Religion without Science is Blind."

LIST OF THE WINNERS TECH FEST 2023

1st Runner-up (IIUC)



Md Ahnab Ayub
CSE, IIUC



Istiaque Ahmed
CSE, IIUC



Nasrullah Tamim
CSE, IIUC



Ittehad Bin Rahim
CSE, IIUC



Ismam Afsar
BBA, IIUC

2nd Runner-up (IIUC)



Md Shamsuddoha Shams
CSE, IIUC



Sagor
EEE, IIUC



Tousif Uddin Md Saad
EEE, IIUC



Md. Asaduzzaman Sikder
EEE, IIUC



Kamran Hossain
EEE, IIUC

e Football 2024

Champion



Md. Nurul Alam
CSE, IIUC

1st Runner-up



Labib Hasan
CSE, IIUC

2nd Runner-up



Shahariar Alam
CSE, IIUC

Need For Speed

Champion



Sajidul Hoque
CSE, IIUC

1st Runner-up



Ashifur Rahaman
CCE, IIUC

2nd Runner-up



Md Shoeb Akter
EEE, IIUC

Chess

Champion



Meheri Monir
CSE, IIUC

1st Runner-up



Sadia Taslim Bristy
ELL, IIUC

2nd Runner-up



Samia Shareen
CSE, IIUC

Ludo

Champion



Arifa Jahan
CSE, IIUC

Runner-up



Farhana Akter
CCE, IIUC

“যিনি আকাশ থেকে পরিমিত পানি বর্ষণ করেছেন এবং তার সাহায্যে মৃত ভূমিকে জীবিত করে তুলেছেন।
তোমাদের এভাবেই একদিন মাটির ভেতর থেকে বের করে আনা হবে।” (সূরা আয যুখরুফ : ১১)

LIST OF THE WINNERS TECH FEST 2023

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DocuFilm Contest

Champion (IIUC)



Md Nizam Uddin Shawon
CCE, IIUC



Md Sheikh Farid Showrov
BBA, IIUC

1st Runner-up (IIUC)



Sayedul Islam Babu
EEE, IIUC



Syed Mohammad Alvi
EEE, IIUC

2nd Runner-up (IIUC)



Diganta Barua
ETE, IIUC

16

Welcast FSE TT Tournament (Teachers)

Champion



Dr. Md. Shamimul Haque Chy
Dean, FSE, IIUC

1st Runner-up



Md. Ibrahim, Assistant Professor
ETE, IIUC

2nd Runner-up



Prof. Mohammed Shamsul Alam
CSE, IIUC

“

Hazrat Abu Huraira (RA) said, A man came to the Messenger of Allah (PBUH) and asked, “O Rasulallah, who are among all human beings should I interact more properly?”

Rasulallah replied, “Your mother”

He asked again: “Then who else?”

The Prophet said : “Your mother”

The man repeats his question: “Then who else?”

The Prophet replied: “Your mother”

He repeated the question again: “Then who?”

Rasulallah SAW answered: “Your father”.

- Sahih al-Bukhari

”

List of Sub-Committees IIUC Tech Fest - 2023

Inter University Programming Contest

| | |
|--|------------------|
| Prof. Mohammed Shamsul Alam, Professor, CSE | Convener |
| <i>Mr. Tanveer Ahsan, Associate Professor, CSE</i> | Member |
| Engr Md. Eftekar Alam, Assistant Professor, EEE | Member |
| Mr. Muhammed Nazmul Arefin, Lecturer, CSE | Member |
| Mrs. Farzana Tasnim, Lecturer, CSE | Member |
| Mr. Md Jiabul Hoque, Lecturer, CCE | Member |
| Mr. Ahmad , Lecturer, ETE | Member |
| Mrs. Nuren Nafisa, Lecturer, CSE | Member |
| Mr. Nayeem Mahmood, Assistant Lecturer, CSE | Member |
| Mr. Jamil As-ad, Lecturer, CSE | Member Secretary |

Inter University Robo Soccer Competition

| | |
|--|------------------|
| Mr. SM Golam Mostafa, Associate Professor, EEE | Convener |
| Dr. AsimUllah Nabil, Assistant Professor, EEE | Member |
| Mr. Lokman Hossain, Lecturer, EEE | Member |
| Mr. Md. Taiseer Alam, Assistant Lecturer, CSE | Member |
| Mr. Mohammad WoliUllah, Assistant Professor, ETE | Member |
| Mr. Mohammad Nadib Hasan, Lecturer, CCE | Member |
| Ms. ZarinTanzim, Assistant Lecturer, CCE | Member |
| Mr. MD. Abdul Kader, Assistant Professor, EEE | Member Secretary |

Inter-University Mobile Games and Apps Development Competition

| | |
|---|------------------|
| Engr. MD Jiabul Hoque, Lecturer, Dept. of CCE | Convener |
| Engr. Md. Khaliluzzaman, Assistant Professor, CSE | Member |
| Dr. Mohammed Saifuddin, Assistant Professor, CCE | Member |
| Engr. Md. Humayun Kabir, Lecturer, CCE | Member |
| Mr. Ahmad, Lecturer, ETE | Member |
| Mr. Hassan Jaki, Lecturer, CCE | Member |
| Ms. ZarinTanzim, Assistant Lecturer, CCE | Member |
| Engr. Mohammad Nadib Hasan, Lecturer, CCE | Member Secretary |

Inter University Project Showcase Competition

| | |
|--|------------------|
| Muhammad Mostafa Amir Faisal, Assistant Professor, ETE | Convener |
| Abdullahil Kafi, Assistant Professor, CSE | Member |
| Subrina Akter, Assistant Professor, CSE | Member |
| Mohammad Nazmul Islam, Lecturer, Pharmacy | Member |
| Khandakar Abdullah Al Mamun, Assistant Professor, EEE | Member |
| Mohammad Nadib Hasan, Lecturer, CCE | Member |
| Mohammad WoliUllah, Assistant Professor, ETE | Member Secretary |

Inter University Idea Generation Competition

| | |
|--|------------------|
| Prof. Dr. Mohammed Aktar Sayeed, Pharmacy | Convener |
| Engr. Md. Rashidul Islam, Associate Professor, EEE | Member |
| Mr. Mohammad Ibrahim, Assistant Professor, ETE | Member |
| Mrs. Subrina Akter, Assistant Professor, CSE | Member |
| Mr. Md. Nazmul Islam, Lecturer, Pharmacy | Member |
| Mr. Md. Masud Morshed, Lecturer, Pharmacy | Member |
| Ms. Israt Jahan, Lecturer, Pharmacy | Member |
| Engr. Hassan Jaki, Assistant Lecturer, CCE | Member |
| Dr. Md. Zia Uddin, Pharmacy | Member Secretary |

Poster Presentation Competition

| | |
|---|------------------|
| Prof. Engr. Md. Razu Ahmed, Professor, CCE | Convener |
| Mr. Mohammed Mahmudur Rahman, Associate Professor, CSE | Member |
| Engr. Md. Shahid Ullah, Assistant Professor, EEE | Member |
| Engr. Md. Mostafa Amin Faisal, Assistant Professor, ETE | Member |
| Dr. Mohammed Saifuddin, Assistant Professor, CCE | Member |
| Mr. Md. Khorshed Ali, Assistant Professor, CCE | Member |
| Mr. Amanul Hoque, Assistant Professor, CCE | Member |
| Mr. Mohammad Nazmul Islam, Lecturer, Pharmacy | Member |
| Mr. Md. Shamim Ahmed, Lecturer, CE | Member |
| Mr. Areez Hafiz, Lecturer, CCE | Member |
| Engr. Md. Humayun Kabir, Lecturer, CCE | Member Secretary |

Docu Film Competition

| | |
|--|------------------|
| Mr. Md. Mahadi Hassan, Associate Professor, Dept. of CSE | Convener |
| Mr. Md. Ibrahim, Assistant Professor, ETE | Member |
| Mr. Md. Shahidullah, Assistant Professor, EEE | Member |
| Mr. Amanul Haque, Assistant Professor, CCE | Member |
| Mr. MdMasudMorshed, Lecturer, Pharmacy | Member |
| Mrs. Zinia Sultana Mukti, Associate Professor, CSE | Member Secretary |

Circuit Solution Competition

| | |
|---|------------------|
| Mr. Muhammad Athar Uddin, Associate Professor, Dept. of EEE | Convener |
| Mr. Md. Rasheduzzaman, Assistant Professor, EEE | Member |
| Mr. Mohammad WoliUllah, Assistant Professor, ETE | Member |
| Engr. Md. Lokman Hossain, Lecturer, EEE | Member |
| Mrs. Israt Binte Habib, Lecturer, CSE | Member |
| Engr. Raihan Chowdhury, Lecturer, EEE | Member |
| Ms. Jubaida Nahar Tuli, Assistant Lecturer, EEE | Member |
| Mr. Shahriar Reza, Assistant Lecturer, CSE | Member |
| Dr. Md. Ismail Haque, Assistant Professor, EEE | Member Secretary |

Medicinal Plant Show Competition

| | |
|---|------------------|
| Mr. KaziAshfak Ahmed Chy, Assistant Professor, Pharmacy | Convener |
| Mr. Md. Ashrafal Alam Rana, Lecturer, Pharmacy | Member |
| Riniara Khatun, Lecturer, Pharmacy | Member |
| Seema Binte Alam, Lecturer, Pharmacy | Member |
| Mr. Md. Ashraf Uddin Chowdhury, Lecturer, Pharmacy | Member Secretary |

Tech Olympiad

| | |
|--|------------------|
| Dr. Saif Hannan, Assistant Professor, ETE | Convener |
| Dr. Saifuddin, Assistant Professor, CCE | Member |
| Mr. Md. Saiful Islam, Lecturer, CSE | Member |
| Mrs. Sanjida Sharmin, Lecturer, CSE | Member |
| Ms. Zarin Tanzim, Lecturer, CCE | Member |
| Ms. Jubaida NaharTuli, Assistant Lecturer, EEE | Member |
| Dr. Air Mohammad Siddiky, Assistant Professor, EEE | Member |
| Mr. Ahmad, Lecturer, ETE | Member Secretary |

Mechanics Olympiad

| | |
|--|------------------|
| Dr. Engr. Muhammad Abu Eusuf, P. Eng, Professor, Civil | Convener |
| Md. Shamim Ahmed, Lecturer, Civil | Member |
| Md. Abdullah Al Mamun, Assistant Lecturer, Civil | Member Secretary |

List of Sub-Committees IIUC Tech Fest - 2023

Math-Olympiad

| | |
|---|------------------|
| Prof. Dr. A.N.M. Rezaul Karim, Professor, CSE | Convener |
| Md. Jashim Uddin, Assistant Professor, EEE | Member |
| Md. Ibrahim, Assistant Professor, ETE | Member |
| Md. Rashedul Islam, Assistant Professor, CSE | Member |
| Amanul Hoque, Assistant Professor, CCE | Member |
| Md. Saiful Islam, Lecturer, CSE | Member |
| Ms. ShefayatujJohara Chowdhury, Lecturer, CSE | Member |
| Ms. Sabrina Jahan Maisha, Lecturer, CSE | Member |
| Sayed Allamah Iqbal, Assistant Professor, EEE | Member Secretary |

Cyber Garming Contest

| | |
|---|------------------|
| Dr. Muhammad Moazzam Hossen, Associate Professor, CSE | Convener |
| EngrMd. Eftekar Alam, Assistant Professor, EEE | Member |
| Mr. Muhammed Nazmul Arefin, Lecturer, CSE | Member |
| Mr. Nayeem Mahmood, Assistant Lecturer, CSE | Member |
| Mrs. ShefayatujJohara Chowdhury, Lecturer, CSE | Member |
| Mrs. Sabrina Jahan Maisha, Lecturer, CSE | Member |
| Mr. Mohammad Manjur Alam, Associate Professor, CSE | Member Secretary |

Publication & Publicity Committee

| | |
|--|------------------|
| Prof. Dr. A. N. M. Rezaul Karim, Professor, CSE | Convener |
| Dr. Muhammad Azizul Hoque, Associate Prof., ELL | Member |
| Mr. Amanul Hoque, Assistant Professor, CCE | Member |
| Dr. Md. Shafiqul Islam Aziz, Assistant Professor, CE | Member |
| Mr. Mohammad Zainal Abedin, Assistant Professor, CSE | Member |
| Mrs. Farzana Tasnim, Lecturer, CSE | Member |
| Engr. Md. Nazmus Sakib, Lecturer, EEE | Member |
| Mr. Ahmad, Lecturer, ETE | Member |
| Mr. Md Ashraful Alam, Lecturer, Pharmacy | Member |
| Mr. Sahriar Reza, Assistant Lecturer, CSE | Member |
| Ms. Shefayatuj Johara Chowdhury, Assistant Lecturer, CSE | Member |
| Mr. Md. Saiful Islam, Lecturer, CSE | Member Secretary |

Finance & Sponsor Committee

| | |
|---|----------|
| Dr. Md. Shamimul Haque Choudhury, Dean, FSE | Convener |
| Prof. Md. Shamsul Alam, Professor, CSE | Member |
| Prof. Dr. Akhter Sayed, Professor, Pharmacy | Member |
| Prof. Razu Ahmed, Professor, CCE | Member |
| Dr. Shahidul Islam Khan, Associate Professor, CSE | Member |
| Dr. Muhammed Jamshed Alam Patwary, Associate Professor, CSE | Member |
| Engr. Mohammed Jashim Uddin, Associate Professor, ETE | Member |
| Engr. Md. Humayun Kabir, Lecturer, CCE | Member |
| Mr. Ashraf Uddin Chowdhury, Lecturer, Pharmacy | Member |
| Mr. Mohammad Faisal, Director, PPD | Member |

Kits, Prize & Certificate Committee

| | |
|---|------------------|
| Dr. Sikder Sunbeam Islam, Associate Professor, Dept. of EEE | Convener |
| Dr. Saif Hannan, Assistant Professor, ETE | Member |
| Mr. Md. Nazmus Sakib, Lecturer, EEE | Member |
| Mr. Saiful Islam, Lecturer, CSE | Member |
| Engr.Md. Humayun Kabir, Lecturer, CCE | Member |
| Mr. Nayeem Mahmood, Assistant Lecturer, CSE | Member |
| Dr. Md. Zahid Hasan, Assistant Professor, Dept. of EEE | Member Secretary |

Invitation Committee

| | |
|--|------------------|
| Mr. Mohammed Abu Sayeed, Pharmacy, Associate Professor, Pharmacy | Convener |
| Engr. Md. Abdul Kader, Assistant Professor, EEE | Co-convener |
| Prof. Md. Shamsul Alam, Professor, CSE | Member |
| Prof. Dr. Engr. Muhammad Abu Eusuf, P. Eng., Professor, CE | Member |
| Engr. Md. Eftekar Alam, Assistant Professor, EEE | Member |
| Dr. Muhammed Jamshed Alam Patwary, Associate Professor, CSE | Member Secretary |

Decoration Committee

| | |
|---|------------------|
| Engr. Mohammed Jashim Uddin, Associate Professor, ETE | Convener |
| Mr. Muhammed Nazmul Arefin, Lecturer, CSE | Member |
| Mrs. Nuren Nafisa, Lecturer, CSE | Member |
| Mr. Hasan Jaki, Assistant Lecturer, CCE | Member |
| Mr. Md Masud Morshed, Lecturer, Pharmacy | Member |
| Engr. Md. Nazmus Sakib, Lecturer, EEE | Member |
| Engr. Md. Lokman Hossain, Lecturer, EEE | Member |
| Mr. Md. Mohsin, Assistant Lecturer, ETE | Member Secretary |

Program Committee

| | |
|---|------------------|
| Dr. Muhammed Jamshed Alam Patwary, Associate Professor, CSE | Convener |
| Dr. Muhammad Azizul Hoque, Associate Prof/, ELL | Member |
| Mr. A. B. M. Yasir Arafat, Assistant Professor, CSE | Member |
| Mr. Md. Ahsraf Uddin Chowdhury, Lecturer, Pharmacy | Member |
| Ms. Sabrina Jahan Maisha, Lecturer, CSE | Member |
| Mr. Md. Mostafa Amir Faisal, Assistant Professor, ETE | Member Secretary |

Web Development Committee

| | |
|--|------------------|
| Engr. Md. Mahmudur Rahman, Associate Professor, CSE | Convener |
| Engr. Syed Zahidur Rashid, Assistant Professor and Chairman, ETE | Member |
| Engr. Md. Eftekar Alam, Assistant Professor, EEE | Member |
| Engr. Md. Mahi Uddin, Assistant System Analyst, ITD | Member |
| Mr. Md Yusuf Khalil, Assistant Programmer, ITD | Member |
| Mr. Ziaur Rahman, Director-ITD, CSE | Member Secretary |

Press & Media Committee

| | |
|---|------------------|
| Mr. A. T. M. Mostafa Kamal, Assistant Professor, Pharmacy | Convener |
| Mr. Md. Ashraful Alam Rana, Lecturer, Pharmacy | Member |
| Ms. Israt Jahan, Lecturer, Pharmacy | Member |
| Mrs. Sabrina Maisha, Lecturer, CSE | Member |
| Mr. G.M. Al Arafat Shaown, Assistant Lecturer, CSE | Member |
| Mr. Md. Rasel Mosharof, Administrative Assistant | Member |
| Mr. Sayed Bin Rahman Chowdhury, Administrative Assistant | Member |
| Engr. Md. Eftekar Alam, Assistant Professor, EEE | Member Secretary |

Transport Committee

| | |
|--|------------------|
| Engr. Md. Rashidul Islam, Associate Professor, EEE | Convener |
| Prof. Dr. Md. Mahi Uddin, Chairman, TMD, IIUC | Member |
| Mr. Akhter Hossain, Deputy Director, TMD, IIUC | Member |
| Mr. Taiseer Alam, Assistant Lecturer, CSE | Member |
| Md. Eftekar Alam, Assistant Professor, EEE | Member Secretary |

List of Sub-Committees IIUC Tech Fest - 2023

Discipline & Welfare Committee

| | |
|---|------------------|
| Mr. Sayed Allamah Iqbal, Assistant Professor, EEE | Convener |
| Mr. Mohammad Manjur Alam, Associate Professor, CSE | Member |
| Mrs. Zinia Sultana, Associate Professor, CSE | Member |
| Mr. Md. Khorshed Ali, Assistant Professor, CCE, Assistant Proctor | Member |
| Mr. Mohammad Raihan, Lecturer, EEE, Assistant Proctor | Member |
| Mr. Ahmad, Lecturer, ETE | Member |
| Ms. Riniara Khatun, Lecturer, Pharmacy | Member |
| Mr. Mohammad Nazmul Islam, Lecturer, Pharmacy | Member |
| Dr. Md. Kausarur Rashid, MBBS, MO | Member |
| Md. Lokman Hossain, Lecturer, EEE | Member Secretary |

Inaugural Ceremony

| | |
|---|----------|
| Dr. Mohammad Aman Ullah, CSE | Convener |
| Prof. Dr. Md. Monirul Islam, CSE | Member |
| Mr. Mohammed Abu Sayeed, Associate Professor, Pharmacy | Member |
| Engr. Mohammed Jashim Uddin, Associate Professor, ETE | Member |
| Engr. Md. Rashidul Islam, Associate Professor, EEE | Member |
| Dr. Muhammed Jamshed Alam Patwary, CSE | Member |
| Engr. Md. Mahmudur Rahman, Associate Professor, CSE | Member |
| Mr. Sayed Allamah Iqbal, Assistant Professor, EEE | Member |
| Mr. A. T. M. Mostafa Kamal, Assistant Professor, Pharmacy | Member |

Entertainment Committee

| | |
|---|----------|
| Prof. Dr. Md. Monirul Islam, Professor, CSE | Convener |
| Mr. A. B. M. Yasir Arafat, Assistant Professor, CSE | Member |
| Mr. Jashim Uddin, Assistant Professor, EEE | Member |
| Engr. Mohammed Jashim Uddin, Associate Professor, ETE | Member |

Prize Giving Ceremony

| | |
|---|------------------|
| Engr. Abdul Gafur, ETE | Convener |
| Prof. Dr. Md. Monirul Islam, CSE | Member |
| Mr. Mohammed Abu Sayeed, Associate Professor, Pharmacy | Member |
| Dr. Sikder Sunbeam Islam, Associate Professor, EEE | Member |
| Engr. Mohammed Jashim Uddin, Associate Professor, ETE | Member |
| Engr. Md. Rashidul Islam, Associate Professor, EEE | Member |
| Dr. Muhammed Jamshed Alam Patwary, Associate Professor, CSE | Member |
| Engr. Md. Mahmudur Rahman, Associate Professor, CSE | Member |
| Mr. Sayed Allamah Iqbal, Assistant Professor, EEE | Member |
| Mr. A. T. M. Mostafa Kamal, Assistant Professor, Pharmacy | Member |
| Mr. Md. Mahiuddin, Associate Professor, CSE | Member Secretary |

IIUC SHUTTLE SERVICE PLAN



The Motto of IIUC: "To Combine Quality with Morality"

Tech Fest 2023

Pictorial Presentation



The opening ceremony of Techfest-2023 started with recitation from the Holy Quran



The guests show their respect while the national anthem is played at opening ceremony



The spectators show their respect during the playing of the national anthem at opening ceremony



Prof. Md. Anwarul Azim Arif, Hon'ble Vice-Chancellor of IIUC is delivering his speech at the opening ceremony.



Engr. Md. Abdur Rashid, Chairman, IEB Chittagong Centre is delivering his speech at the inaugural function



Engr. Abul Kalam Hazari, honorary assistant general secretary (academic & international affairs), IEB is delivering his speech at the inaugural function



Dr. Engr. Rashid Ahmed Chowdhury, Chairman, Finance Committee, IIUC is delivering his speech at the inaugural function



Prof. Dr. Mohammad Humayun Kabir, Treasurer, IIUC addressed the inaugural function



Dr. Md Shamimul Haque Chowdhury, Dean, Faculty of Science and Engineering, IIUC is delivering his speech at the inaugural function



A group of faculty members welcome the IEB President with bouquets of flowers



The team "CU_Chuno Puti", Chittagong University (CU) receiving the championship trophy in Inter University Programming Contest



The team "Big Brothers", International Islamic University Chittagong (IIUC) receiving the 2nd runner up cheque in Inter University Programming Contest



The team "NSTU_DOT", Noakhali Science and Technology University (NSTU) receiving Best Female Award in Inter University Programming Contest



The winning group from Pharmacy (IIUC) receiving 2nd runner up award in Inter-University Project showcase Competition



The winning group from CSE, IIUC receiving the Best Young Star Award in Inter-University Project showcase Competition



The winning group from CSE, IIUC receiving the Best Female Team Award in Inter-University Project showcase Competition



The winning group (male) from CSE, IIUC receiving the champion trophy in Inter University Idea Generation Competition



The winning group (male) from CSE, IIUC receiving the 1st runner up trophy in Inter University Idea Generation Competition



The winning group (male) from Pharmacy, IIUC receiving the 2nd runner up trophy in Inter University Idea Generation Competition



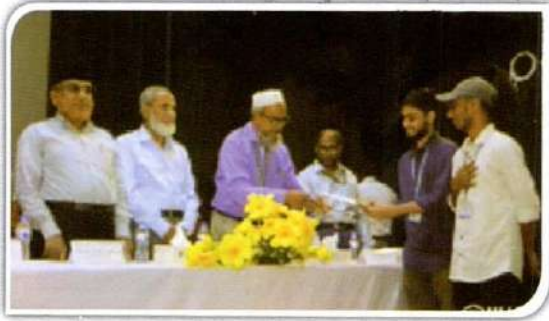
The winning group (female) from CSE, IIUC receiving the champion trophy in Inter University Idea Generation Competition



The winning group from CCE, IIUC receiving the champion trophy in Inter-University Mobile Games and Apps Development Competition



Md Tarek Rahman, CSE, IIUC receiving 1st runner up award in Inter-University Mobile Games and Apps Development Competition



The winning group from CSE, IIUC receiving 2nd runner up award in Inter-University Mobile Games and Apps Development Competition



Md. Saidul Hossain, CE, IIUC receiving champion award in Mechanics Olympiad



Mohammed Minhajur Rashid Chowdhury, CE, IIUC receiving 1st runner up award in Mechanics Olympiad



Mohammad AricanHossain, CE, IIUC receiving 2nd runner up award in Mechanics Olympiad



Rashedul Arefin Ifty, CSE, IIUC receiving champion award in Poster Presentation Competition (Track: Engineering)



Fariha Sanji & Akilalbnath, CCE, IIUC receiving Best Emergence Poster Award in Poster Presentation Competition (Track: Engineering)



Humayun Rashid Shakil, Pharmacy, IIUC receiving champion award in Poster Presentation Competition(Track: Science)



Sultana Jannat, Pharmacy, IIUC receiving 2nd runner up award in Poster Presentation Competition(Track: Science)



The team "OVOYARONNO" from Pharmacy, IIUC receiving champion award in Medicinal Plant Show Competition (male)



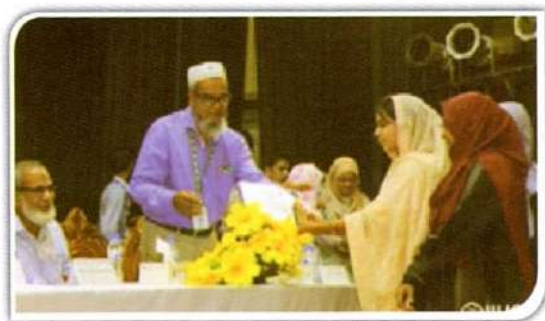
The team "VICENTE" from Pharmacy, IIUC receiving 1st runner up award in Medicinal Plant Show Competition (male)



The team "CYTOTOXIC ALPHA" from Pharmacy, IIUC receiving 2nd runner up award in Medicinal Plant Show Competition (male)



The team "HARBINGERS" from Pharmacy, IIUC receiving champion award in Medicinal Plant Show Competition (female)



The team "LITTLE VULCANS" from Pharmacy, IIUC receiving 2nd runner up award in Medicinal Plant Show Competition (female)



Usama Faiyaz, CSE, IIUC receiving champion award in Math Olympiad (male_Alpha)



Sabbir Hossen Meahjee, CSE, IIUC receiving 1st runner up award in Math Olympiad (male_Alpha)



Md. ShahriarAlam & Sayed Ahmed CSE, IIUC receiving 2nd runner up award in Math Olympiad (male_Alpha)



Hurien Jannat, CSE, IIUC receiving champion award in Math Olympiad (female_Alpha)



Sumaia Tarannoom Mahi, CSE, IIUC receiving 2nd runner up award in Math Olympiad (female_Alpha)



Syed Mohammad Alvi, EEE, IIUC receiving champion award in Math Olympiad (male_Beta)



Nazrul Islam Sajib, CSE, IIUC receiving 1st runner up award in Math Olympiad (male_Beta)



Miftahul Jannat, CSE, IIUC receiving 2nd runner up award in Math Olympiad (female_Beta)



Mohammad Jubaer, CCE, IIUC receiving 2nd runner up award in Math Olympiad (male_Beta)



Md Nizam Uddin Shawon (CCE) & Md Sheikh Farid Showrov (BBA) receiving champion award in DocuFilm Contest



Md. Sayedul Islam Babu & Syed Mohammad Alvi, EEE, IIUC receiving 1st runner up award in DocuFilm Contest



DigantaBarua, ETE, IIUC receiving 2nd runner up award in DocuFilm Contest



Mohammed Mohiuddin, EEE, IIUC receiving champion award in Circuit Solution Competition (male)



Sacawat Hossain, EEE, IIUC receiving 1st runner up award in Circuit Solution Competition (male)



Musammat Nishat Anjum, EEE, IIUC receiving 2nd runner up award in Circuit Solution Competition (female)



Ridwan Ahmed Chowdhury, Pharmacy, IIUC receiving 1st runner up award in Tech Olympiad (Male)



Souda Begum, CSE, IIUC receiving champion award in Tech Olympiad (female)



Sumaia Tarannoom Mahi, CSE, IIUC receiving 2nd runner up award in Tech Olympiad (female)



The wining group (CSE & EEE), IIUC receiving 2nd runner up award for Call Of Duty Mobile



Md.Nurul Alam, CSE, IIUC receiving champion award for e-Football 2024 contest



Shahariar Alam, CSE, IIUC receiving 2nd runner up award for e-Football 2024 contest



Md Shoeb Akter EEE, IIUC receiving 2nd runner up award for Need for Speed contest



Meheri Monir, CSE, IIUC receiving champion award for Chess Female contest



Sadia Alam Brishty, ELL, IIUC receiving 1st runner up award for Chess Female contest



Dr. Md. Shamimul Haque Choudhury, Dean, FSE receiving champion award for Table Tennis Tournament



Md. Ibrahim, Assistant Professor, ETE receiving 1st runner up award for Table Tennis Tournament



Prof. Mohammed ShamsulAlam, CSE receiving 2nd runner up award for Table Tennis Tournament



Dr. Sikder Sunbeam Islam, Associate Professor, EEE receiving outstanding research award



Dr. Muhammed Jamshed Alam Patwary, Associate Professor, CSE receiving outstanding research award



Dr. Aasim Ullah Nabil, Assistant Professor, EEE receiving outstanding research award



Dr. Saif Hannan , Assistant Professor, ETE receiving outstanding research award



Dr. Mohammed Saifuddin , Assistant Professor, CCE receiving outstanding research award



Sayed Allamah Iqbal , Assistant Professor, EEE receiving outstanding research award



Md. Rasheduzzaman , Assistant Professor, EEE receiving outstanding research award



Dr. Md. Zahid Hasan , Assistant Professor, EEE receiving best research award



The closing ceremony of Techfest-2023 started with recitation from the Holy Quran



The guests show their respect while the national anthem is played at closing ceremony



The spectators show their respect during the playing of the national anthem at closing ceremony



Mr. Arif Quadri , Managing Director & CEO, United Commercial Bank is delivering his speech at closing ceremony



Prof. Dr. Kazi Deen Mohammad, honorable Vice-Chairman, BoT, IIUC is delivering his speech at closing ceremony



Mrs. Rizia Reza Chowdhury, Honorable Member, BoT, IIUC & Chairman, Female Academic Zone, IIUC is delivering her speech at closing ceremony



Engr. Mohammad Aman Ullah, Phd Associate professor & Chairman(In-Charge), CSE is delivering his speech at closing ceremony



Honorable faculty members are seen on the stage at closing ceremony



Dr. Muhammad Azizul Hoque, Associate Professor, ELL conducted the closing ceremony



Mr. A.B.M. Yasir Arafat, Assistant Professor, CSE conducted the closing ceremony



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