

CSE Annual Report 2024

Department of Computer Science and Engineering

Green University of Bangladesh



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1

Overview of the Department

1.1 Introduction

Computer Science and Engineering (CSE) stands out as one of the rapidly expanding and highly rewarding disciplines within the global engineering landscape. It has swiftly become the preferred field for numerous high school graduates aspiring to pursue a career in computational technology. The increasing advancements in the IT sector further intensify the need for highly skilled professionals in the industry. At Green University of Bangladesh (GUB), the CSE department is dedicated to significantly contributing to this domain. Program graduates find employment in reputable companies, and universities, and pursue higher studies abroad, reflecting the success and recognition of the program.

1.2 Objective and Goal

Since its establishment in 2003, the CSE department at GUB has been at the forefront of research and education, aiming to generate high-caliber graduates. The department's reputation as a leading and esteemed CSE department in the country is owed to its combination of highly qualified faculty and state-of-the-art facilities. The accomplishments of the department's alumni serve as compelling proof of its competence. Notably, the CSE department is dedicated to establishing a strong brand presence in both the industrial and academic sectors, both domestically and internationally.

The Bachelor of Engineering degree requires students to undergo fundamental and core courses in the field. To stay abreast of cutting-edge research, undergraduate programs also include advanced courses. Alongside these, students are expected to study interdisciplinary courses, crucial for graduates in any discipline. In the final year, they concentrate on a specific area of interest for their Thesis/Project work, a test of their abilities that offers a blend of technical knowledge and professional guidance. Moreover, short courses, seminars, and academic contests are integrated into the regular study period.

1.3 Vision Statement

The vision of the department is to become a center of excellence in teaching, learning, and innovating and thus, producing competent graduates for addressing the challenges of the 21st century.

1.4 Mission Statement

Department of Computer Science and Engineering will venture:

- Producing high-quality graduates in terms of knowledge, research, development, and innovation.
- Empowering students with cutting-edge technical knowledge and complex problem-solving skills for addressing challenges of 21st century workplaces.
- Preparing graduates to excel as leading engineering professionals with social responsibilities, ethics, and values.
- Enhancing the life-long learning capacity of students by engaging them in new technological design and development activities.

1.5 Tagline

"Quest for innovative and sustainable technologies"

2

Conferences, Seminars, and Workshops Organized by the Department

2.1 Introduction

Seminars, workshops, and conferences play a crucial role in the institute, serving as platforms not only for learning new aspects, diverse perspectives, and the latest information but also as effective networking opportunities. To emphasize this, the Department of CSE organized various conferences, seminars, and workshops in the year 2022. A notable flagship event was the international conference titled the 4th International Conference on Sustainable Technologies for Industry 4.0 (STI), 2022. In the following sections, we provide detailed information on all the events conducted by the department in the year 2023.

2.2 Counseling Session with Newly Joined Faculty Members

A counseling session organized by the “Mentorship, Blended Learning, PLSD Course Coordination” committee for newly joined faculty members, held on Tuesday, February 6, 2024, at 9:00 AM in room A-501. The session was graced by the esteemed presence of the honorable Chairperson, Dr. Muhammad Aminur Rahaman, and Associate Chairperson, Mr. Syed Ahsanul Kabir.

We commenced the session with an introduction by MR. S.M.Rashidul Hasan Nijhum, Lecturer of CSE, followed by a two-stage informative presentation. In the first stage, MR. Mahbubur Rahman, Lecturer of CSE, provided comprehensive guidelines on utilizing Microsoft Teams, meticulously explaining each feature to enhance the digital collaboration experience of new faculty members. This stage is equipped with the necessary knowledge to effectively navigate this crucial communication platform.

The second stage, led by MS. Farhana Akter Sunny, Assistant Professor & Program Coordinator of CSE, addressed crucial aspects of streamlining the work experience as the new faculty members face various unfamiliar systems and processes. She elucidated key concepts related to course offerings, course outlines, lab manuals, communication mediums, GUMS IDs, leave application procedures, and crucial “dos and don’ts” for managing the first class. This segment aimed to empower them with practical knowledge and navigate potential challenges efficiently.

To conclude the session, Mr. Syed Ahsanul Kabir generously provided valuable advice and suggestions, offering additional guidance for those newly joined faculty members. We understand that transitioning to a new environment can be overwhelming, and his insights aimed to equip them with confidence and clarity. Once again, congratulations to all who have completed this important milestone.

2.3 Generative AI: A Gateway to Thriving Career

The IEEE Computer Society Student Branch Chapter GUB (IEEE CS SBC GUB) and IEEE Student Branch GUB (IEEE SB GUB), in collaboration with Green University Computer Club (GUCC) and

2.3. Generative AI: A Gateway to Thriving Career

IEEE Computer Society Bangladesh Chapter (IEEE CS BDC)BDC), successfully organized a seminar titled “Generative AI: A Gateway to A Thriving Career” on February 26, 2024, at 10:00 AM via the Zoom Platform. Around 101 participants from different universities have joined this webinar.



Figure 2.1: The Banner of the webinar of Generative AI: A Gateway to A Thriving Career”

This seminar was an eye-opening event that brought together AI experts, industry practitioners, researchers, and academicians. The seminar aimed to shed light on the current status, future potential, and challenges of Generative AI. The keynote speaker was Dr. Rubayet Islam, lecturer in cybersecurity at the University of Maryland. We were privileged to have the honorable Dean of the Faculty of Science and Engineering (FSE) and Director of IQAC, Prof. Dr. Md. Saiful Azad, as our esteemed chief guest.

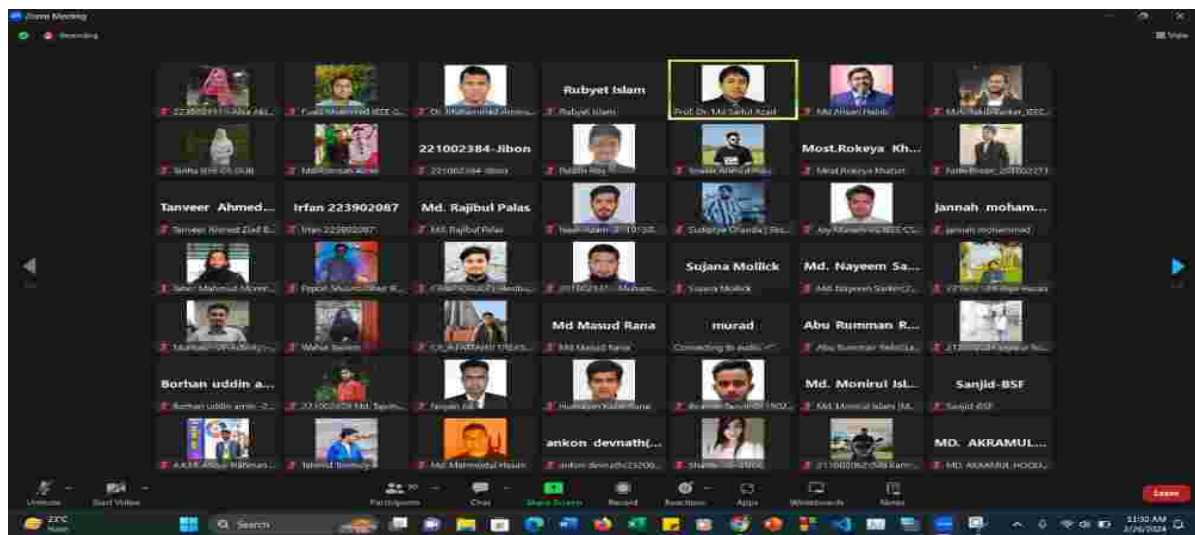


Figure 2.2: A glimpse of the participants through the Zoom meeting software.

Additionally, we were honored by the presence of Prof. Dr. Md. Ahsan Habib, Professor from the Department of CSE, GUB, who joined us as a special guest, fascinating the audience with his insightful speech. The program was chaired by Dr. Muhammad Aminur Rahaman, Associate Professor and Chairperson of the Department of CSE, GUB.

The seminar delved into the transformative potential of Generative AI and its implications for the future of technology. Attendees gained valuable insights into cutting-edge advancements in the field, potential applications of Generative AI, and the evolving landscape of artificial intelligence. Through engaging discussions and presentations, participants were equipped with the knowledge to navigate the exciting frontier of Generative AI and contribute to shaping the future of innovation. The event was well attended, and participants actively engaged in discussions and Q&A sessions. An e-certificate has been provided to all attendees. Ahamdulillah, the seminar was a successful event that provided a valuable learning experience for participants and fostered interest in the transformative potential of Generative AI.

The seminar ended by giving thanks to the keynote speaker for such a wonderful and informative webinar. Finally, an online certificate was given to Dr. Rubayet Islam by session chair Dr. Muhammad Aminur Rahaman.

2.4 The Bebras Challenge Allows all Students to Learn Computational Thinking Joyfully

The seminar titled “The Bebras Challenge Allows all Students to Learn Computational Thinking in a Joyful Way” which took place on March 19, 2024, at the Green University of Bangladesh. The seminar commenced with a warm welcome to our esteemed keynote speaker, Prof. Dr. Gerald Futschek, who was greeted with a beautiful flower bouquet as a token of our appreciation. Among the distinguished guests present at the opening ceremony were our honorable Vice Chancellor, Prof. Dr. Khawza Iftekhar Uddin Ahmed, and Professor Dr. Md. Saiful Azad, Dean, Faculty of Science and Engineering. Their presence added prestige and significance to the event, setting a positive tone for the seminar. Following the welcoming gesture, all guests took their seats, and the session began with great enthusiasm.



Figure 2.3: Speech delivery from the keynote speaker, Prof. Dr. Gerald Futschek.

Prof. Dr. Futschek delivered an exceptional session, diving deep into the intricacies of the Bebras Challenge and engaging both faculty members and students in various problem-solving activities. His insightful presentation provided a clear understanding of the Bebras Challenge and its significance in promoting computational thinking among students. For those interested, the Bebras Challenge link can be found here: <https://www.bebaschallenge.org/>

Following the enlightening session, a lively question-and-answer session ensued, with active participation from faculty members and students, further enriching the discussions.



Figure 2.4: A group photo of the participants and honored guests on the seminar.

The seminar concluded with a closing speech delivered by our honorable Chairperson of the Department of CSE, Dr. Muhammad Aminur Rahaman. In recognition of Prof. Dr. Futschek’s invaluable contribution, a token of appreciation and love was presented to him. The token included our national memorabilia, the “Sritishowdho” and “Shaheed Minar”, along with a crest in acknowledgment of his esteemed presence. A special photo session was conducted to capture the memorable moments of the seminar, allowing everyone to cherish the memories created during this enlightening event.

We would like to express our heartfelt gratitude to all attendees, especially Prof. Dr. Gerald Futschek, Dr. Muhammad Aminur Rahaman, Prof. Dr. Khawza Iftekhar Uddin Ahmed, and Prof. Dr. Md. Saiful Azad, for their invaluable contributions to the success of this seminar.

2.5 Challenges and Prospects of Using ChatGPT and Other Generative AI Tools in Academics

The IEEE Student Branch GUB, IEEE Computer Society GUB Student Branch Chapter, and IEEE Power & Energy Society GUB Student Branch Chapter successfully organized “Challenges and Prospects of Using ChatGPT and Other Generative AI Tools in Academics” on 17 May 2024 in A-409, in association with GUCC, Basis Students Forum GUB and social media partner GNN-Green University News Network.



Figure 2.5: Open discussion by the honored guests.

The program was adorned by the presence of Prof. Dr. Khawza Iftekhar Uddin Ahmed, Honorable Pro Vice-Chancellor, GUB; Prof. Dr. Md. Golam Samdani Fakir, Distinguished Professor, GBS and Former Vice-Chancellor, GUB; Prof. Dr. Md. Saiful Azad, Honorable Dean of FSE; Dr. Muhammad Aminur Rahaman, Honorable Chairperson, Department of CSE, Prof. Dr. Md. Ahsan Habib Tareq, Honorable Professor, Department of CSE; Chief guests Zohirul Alam Tiemmoon, respected Co-Founder & CEO, Nerd Castle Limited; Mahmudul Hasan Sarker, respected Software Developer, Datasoft; Jahidul Arafat, respected Senior solution and cloud architect, oracle; moderators, faculty members, and along with students more than 120 participant were present in this ceremony. The event commenced with separate presentations by two keynote speakers who provided an in-depth overview of generative AI tools, including ChatGPT. Their presentations set the stage for the subsequent discussions, highlighting both the opportunities and challenges these technologies present in academic settings.

Keynote Speaker Zohirul Alam Tiemmoon, Co-Founder & CEO of Nerd Castle Limited, shared insights on the job market, remote jobs, freelancing, and AI. He offered practical tips for shortlisting companies in Bangladesh using LinkedIn, bdjobs.com, Indeed, and Glassdoor. He emphasized aligning CVs with job descriptions and key elements like experience and internships, and discussed generative AI's impact on professional profiles. Another Keynote Speaker, Mahmudul Hasan Sarker, Software Developer at Datasoft, provided an overview of ChatGPT. He covered prompt engineering, tokenization, and its 175 billion parameters. He highlighted the benefits and opportunities for students, academics, and the IT industry, as well as potential drawbacks. He discussed ChatGPT's role as a content evaluator, its prompt models, and the importance of reinforcement learning. Prof. Dr. Md. Golam Samdani Fakir, Former Vice-Chancellor and Distinguished Professor, GBS, explained how the number of ChatGPT users is steadily increasing across different countries. He highlighted the importance of understanding ChatGPT and staying updated with technological advancements. Noting that ChatGPT reached 1 million users in just five days, he discussed effective usage strategies to ensure its proper utilization. Prof. Dr. Md. Saiful Azad, Honorable Dean of FSE, stressed the need for critical thinking when using AI tools, advising against directly copying from ChatGPT. He emphasized verifying information to avoid learning incorrect facts and ensure accurate knowledge acquisition.

Moderated by Prof. Dr. Muhammad Aminur Rahaman, Honorable Chairperson, Department of CSE, this session featured a panel of esteemed discussants who shared their diverse perspectives on the practical applications, ethical considerations, and prospects of generative AI in education. After the panel discussion, a special session titled "Advanced LLM in Software Engineering and Academic Research" was held. Jahidul Arafat, Senior Solution and Cloud Architect at Oracle and a PhD fellow at Auburn University, Alabama, USA, introduced the Rush programming language. He explained its declaration

2.6. Career Talk from the Other Side of the Table Event

process, integration with LLM models, and practical applications, such as using ChatGPT and writing thesis papers. He emphasized that AI is rapidly advancing to augment human capabilities rather than replace them.



Figure 2.6: Participants of the event at a distinguished venue.

The enthusiastic participation and engaging discussions demonstrated a keen interest in exploring the potential of generative AI tools in academia. The insights gained from this event will inspire further research and implementation of AI technologies in our educational practices. We extend our heartfelt thanks to all the speakers, panelists, and attendees for their valuable contributions, and we look forward to organizing more such enlightening events in the future

2.6 Career Talk from the Other Side of the Table Event

The “Career Talk from the Other Side of the Table” event was held on May 24, 2024, at the Green University of Bangladesh. Organized by the Department of Computer Science & Engineering and the BASIS Students’ Forum GUB Chapter, this event was an insightful and enriching experience for all attendees. The event commenced with our esteemed guests’ warm and engaging introduction, setting a positive tone for the proceedings.

Our Guest of Honor, Prof. Dr. Mohammad Kaykobad, Distinguished Professor at BRAC University, emphasized the importance of learning for the sake of acquiring knowledge. He highlighted the significant advantage of an early start in one’s professional life, noting that BCS cadres begin their careers at around 35, while fresh graduates typically start at 25. The Keynote speaker, Mr. Ajmat Iqbal, Director of Reve Group, provided a humorous and insightful overview of his experiences at BUET, sharing life stories that underscored the necessity of proving one’s worth to interviewers, regardless of inherent qualities. He offered valuable, step-by-step guidelines for interview preparation, which included:

- Gathering a comprehensive understanding of the company’s operations.
- Learning and using proper industry jargon.
- Connecting with alumni and senior professionals in the relevant field.
- Understanding the importance of CV optimization, similar to SEO, and developing a proper CV.

Mr. Iqbal also shared key areas that recruiters focus on, such as advanced degrees and professional courses, paper publications, competitive programming experience, and extracurricular activities. During the Q&A session, he advised students on how to present themselves to organizations and the future of machine learning. He emphasized preparing according to the specific organization they are targeting, focusing on certificate-based courses, and developing core knowledge over merely using machine learning

2.6. Career Talk from the Other Side of the Table Event

tools.



Figure 2.7: Keynote speaker is delivering his speech.

Chief Guest Prof. Dr. Khawza Iftekhar Uddin Ahmed, Pro Vice-Chancellor of GUB, shared insights on the importance of time management, fundamental learning, and unique contributions to research in developing a student's career. Our Guest of Honor, Prof. Dr. Mohammad Kaykobad, also shared his wisdom and concluded his session by engaging the students with some thought-provoking math riddles. Special Guest, Prof. Dr. Md. Saiful Azad, Dean of FSE and Director of IQAC, emphasized building a career focused on core research.



Figure 2.8: A crest of appreciation is given to the keynote speaker by the Dean of FSE.

The Honorable Chairperson of the Department of CSE, Dr. Muhammad Aminur Rahaman, em-

phasized the importance of strengthening fundamental skills and dedicating effort to improving specific sectoral skills. The event concluded with a networking and photo session, allowing participants to interact and connect with the speakers and fellow attendees. We extend our heartfelt thanks to all the guests, speakers, and participants who made this event a success. Your active participation and enthusiasm were greatly appreciated. We look forward to your continued support and participation in future events.

2.7 The Webinar: Roadmap to a Successful Final Year Thesis/Project

The webinar titled “Roadmap to a Successful Final Year Thesis/Project,” was held on September 22, 2024, at 7:00 PM via Zoom. The event was organized by the Department of CSE, IEEE Computer Society Student Branch GUB, and IEEE Student Branch GUB, with support from the Green University Computer Club and BASIS Students’ Forum GUB Chapter. The webinar aimed to equip final-year students with essential guidance to navigate their thesis and capstone project work effectively.



Figure 2.9: The Banner of the webinar of Roadmap to a Successful Final Year Thesis/Project

The program was honored by the presence of keynote speaker Prof. Dr. Md. Abdur Razzaque, Chairman of the Department of CSE, Dhaka University. The session was chaired by Dr. Muhammad Aminur Rahaman, Chairperson of the Department of CSE, and graced by the Chief Guest, Prof. Dr. Md. Saiful Azad, Dean of FSE and Director of IQAC, GUB. Approximately 190 students and faculty members attended the event, contributing to its success. As the keynote speaker, Prof. Dr. Md. Abdur Razzaque shared invaluable insights into common mistakes students make when preparing their research papers. He began by discussing the fundamental aspects of research papers, including the requirements for a scientific paper and recommended publishing platforms like IEEE and ACM.

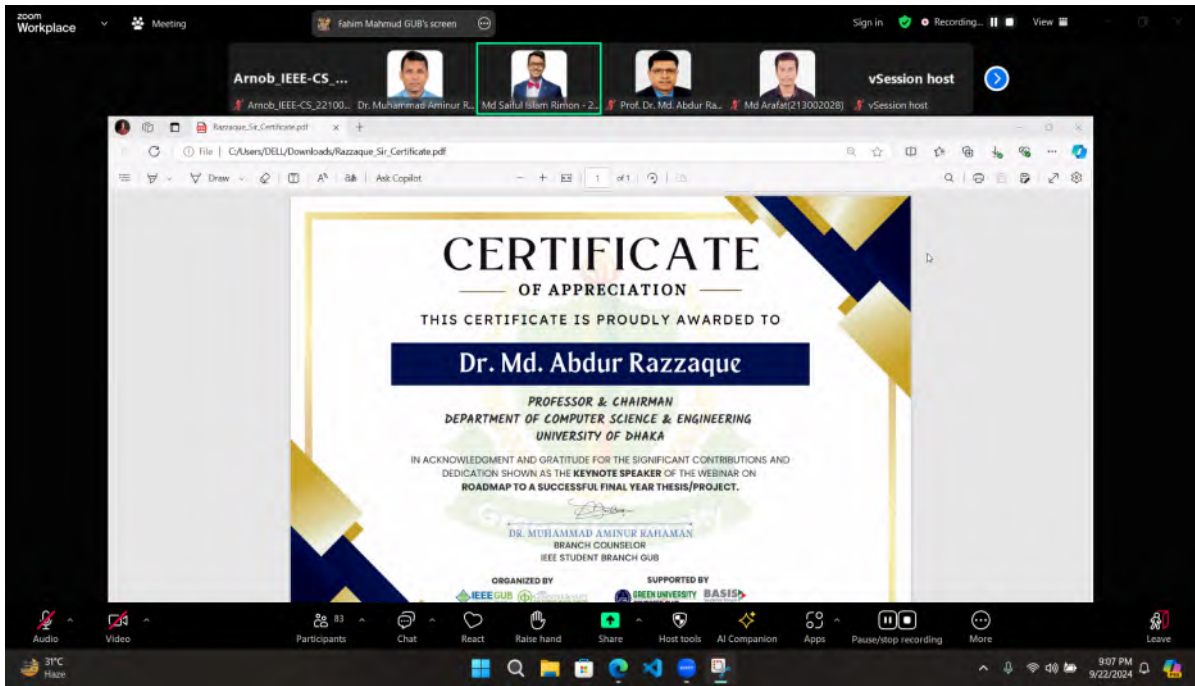


Figure 2.10: A sample of the distributed certificate of the event.

He emphasized that many students try to address multiple problems at once, which often results in a lack of depth. He strongly encouraged focusing on a single, well-defined problem, explaining that this approach allows for more thorough exploration and makes it easier to address secondary issues. He also pointed out that while students often start their projects with enthusiasm, they may become discouraged when faced with challenges such as understanding experimental procedures or collecting data. To overcome these obstacles, he stressed the importance of effective communication within project groups, emphasizing that collaboration and active participation from all members are essential for success.

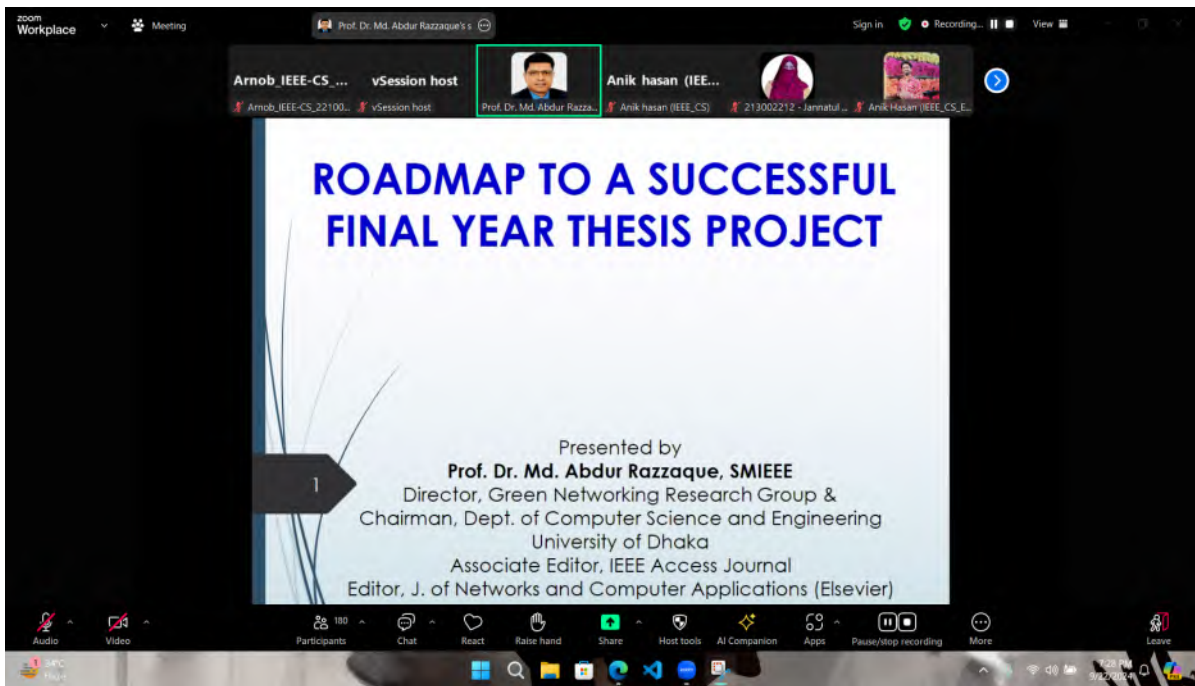


Figure 2.11: Title page of the note shared by Prof. Dr. Md. Abdur Razzaque.

2.8. Commencement of the Classes of Enhancing Digital Government and Economy (EDGE) at GUB

As the Chief Guest, Prof. Dr. Md. Saiful Azad addressed the evolving expectations of graduates in the 21st century. He stressed that modern graduates must acquire skills beyond basic academic knowledge, emphasizing the importance of innovation, creativity, and critical thinking. Prof. Azad underscored the need for students to develop these attributes alongside their studies, as they are vital for success in their future careers. Dr. Muhammad Aminur Rahaman, who served as the session chair, skillfully facilitated the discussions, ensuring the session remained interactive and engaging. He encouraged students to actively participate and engage with the speakers, fostering a dynamic exchange of ideas. His leadership created a comfortable environment where students felt confident asking questions and sharing their thoughts, contributing to a richer and more meaningful learning experience.

To acknowledge his valuable contributions to the program, a certificate of appreciation was presented to Prof. Dr. Md. Abdur Razzaque by Dr. Muhammad Aminur Rahaman. This gesture expressed the organizing committee's and participants' gratitude for his guidance in helping students navigate the challenges of their final-year thesis and project work. The webinar successfully provided participants with insightful guidance and practical advice for their final-year projects. A dynamic Q&A session addressed student concerns, offering further clarity and diverse perspectives. Attendees found the session both motivating and beneficial, inspiring renewed focus on their thesis work. In conclusion, the webinar effectively equipped students with the essential tools and knowledge to overcome their academic challenges. It emphasized the importance of thorough research, effective teamwork, and the development of critical skills necessary for success in today's academic and professional landscape.

2.8 Commencement of the Classes of Enhancing Digital Government and Economy (EDGE) at GUB

The Professional Training Program for Digital Skills Development at Green University of Bangladesh (GUB), initiated by the Department of Computer Science and Engineering (CSE) under the EDGE Project, Bangladesh Computer Council (BCC), ICT Division, Jahangirnagar University (JU) and World Bank, successfully commenced on October 15, 2024.

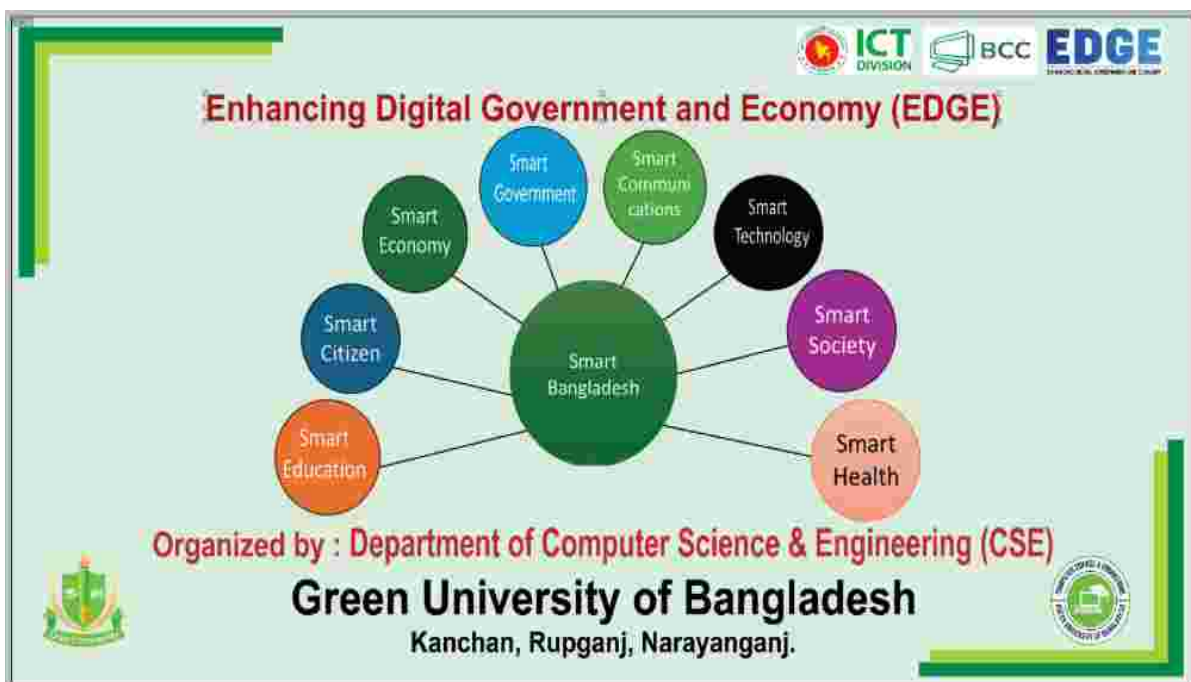


Figure 2.12: The Banner of Commencement of the Classes Enhancing Digital Government and Economy (EDGE) at GUB

The program focuses on building resilience and enhancing skills in the IT-ITES sector, offering intermediate-level training in Python Programming (9 Batches) and Advanced Java Programming (1

2.9. Introduction to Kaggle: A Beginner’s Guide for Aspiring Data Science & Machine Learning Enthusiasts

Batch). Over 270 students are enrolled across the 10 batches, with classes conducted from Monday to Thursday in a week.



Figure 2.13: Engagement of students in the EDGE classes.

Each batch has already completed two sessions, a total of four days of classes on October 15, 16, 17, and 21. The training sessions are structured to provide practical skills, in which six experienced academic instructors. Along with these six academic instructors, some industry professionals will lead the training sessions, ensuring the students receive comprehensive knowledge and exposure to real-world applications in programming.

2.9 Introduction to Kaggle: A Beginner’s Guide for Aspiring Data Science & Machine Learning Enthusiasts

On Friday, 15th of November, 2024, the IEEE Student Branch of GUB & IEEE Computer Society Student Branch Chapter GUB hosted a workshop titled “Introduction to Kaggle: A Beginner’s Guide for Aspiring Data Science & Machine Learning Enthusiasts”.



Figure 2.14: The Banner of the workshop of Introduction to Kaggle: A Beginner's Guide for Aspiring Data Science & Machine Learning Enthusiasts

The IEEE Student Branch & IEEE Computer Society Student Branch Chapter GUB collaboratively organized an insightful workshop on Kaggle, featuring Mir Tahmid Hossain, 2X Kaggle Grandmaster, Senior Data Scientist at Saleha Metal Industries Limited & ML Engineer at Omdena (Freelance), USA as the keynote speaker. The session aimed to introduce students to Kaggle, a premier online platform for data science and machine learning enthusiasts. Prof. Dr. Md. Ahsan Habib Tareq, SMIEEE, from the Dept. of CSE at Green University of Bangladesh and Chair, IEEE CS Bangladesh Chapter, attended a KAGGLE workshop as the chief guest. He highlighted the significance of Kaggle in advancing data science and machine learning, emphasising its growing influence across domains like business and even scenarios as impactful as war. Dr. Muhammad Aminur Rahman, SMIEEE, Associate Professor and Chairperson of the Dept of CSE at Green University of Bangladesh, and a member of the IEEE CS Bangladesh Chapter, served as the Session Chair for the Kaggle workshop. Dr. Aminur Rahman guided and facilitated the workshop session, ensuring its smooth execution and impactful delivery. As part of the event, he handed an appreciation token to the keynote speaker, recognizing their contribution to the session & success.



Figure 2.15: Question and Answer (Q&A) session of the seminar.

Mr. Hossain began by providing an overview of Kaggle, highlighting its history and role as a vibrant community for learning, collaboration, skill development, and portfolio building. He elaborated on the key features of Kaggle and guided participants through the essentials of getting started.

2.10 Returning to The Track: “A Path to Improve Academic Performance” event by the CSE Department, GUB

The Department of Computer Science and Engineering of the Green University of Bangladesh has organized the program “Returning to The Track: A Path to Improve Academic Performance” through the online platform Zoom. Honorable Chairperson of the Dept. of CSE, Dr. Muhammad Aminur Rahaman was the session chair of this program. The session started at 08:00 PM on Sunday, 08 December 2024. Associate Professor and Chairperson Dr. Muhammad Aminur Rahaman, SMIEEE, Dean, Faculty of Sciences and Engineering, and Director of IQAC Prof. Dr. Md. Saiful Azad, Associate Professor Syed Ahsanul Kabir, Program Coordinators of Day and Evening, Lecturers, and around 80 participants were present in the program. In the program, the discussion mainly focused on student feedback, difficulties the students are facing, how to mitigate the academic performance gap, how to support them to do better in the current and upcoming semester, etc., and related other topics. At first, a welcome speech was delivered by our special guest, Syed Ahsanul Kabir (Associate Professor & Associate Chairperson (Academic & Student Affairs)). He discussed some common problems faced by university students during their academic university life. He also discussed some other problems faced by the students during their academic life, and later he provided practical strategies to overcome these problems.

2.10. Returning to The Track: “A Path to Improve Academic Performance” event by the CSE Department, GUB

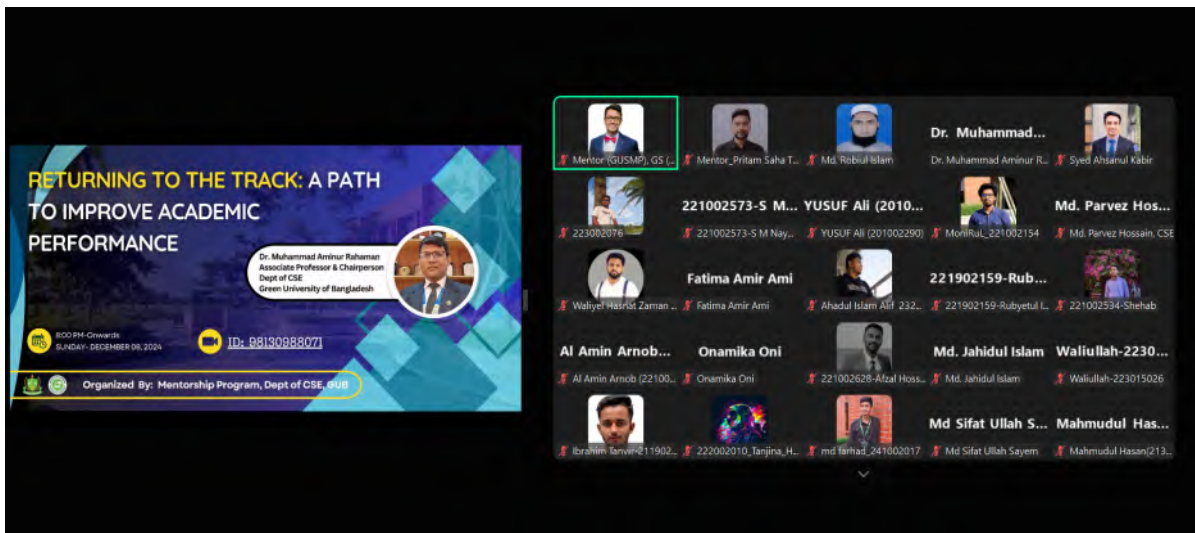


Figure 2.16: A snapshot of the banner and participant of the event through Zoom software.

Then our special guest Prof. Dr. Md. Saiful Azad (SMIEEE, Dean, Faculty of Sciences and Engineering, and Director of IQAC), talked about some other common problems faced by the students during their academic life. Later he provided some practical strategies, such as to take help from the merit classmates, to do group studies with merit students, and so on. He also advised students to follow the lifestyle of merit students to achieve good grades in examinations. As the session chair, Dr. Muhammad Aminur Rahaman (Associate Professor, Chairperson, Department of CSE, Green University of Bangladesh) talked about the previously discussed problems of the students and advised practical strategies to overcome these problems. He also mentioned some of his own student life problems and mentioned how he had overcome those situations. Finally, he highlighted the value of self-discipline, adaptability, and maintaining a positive mindset.

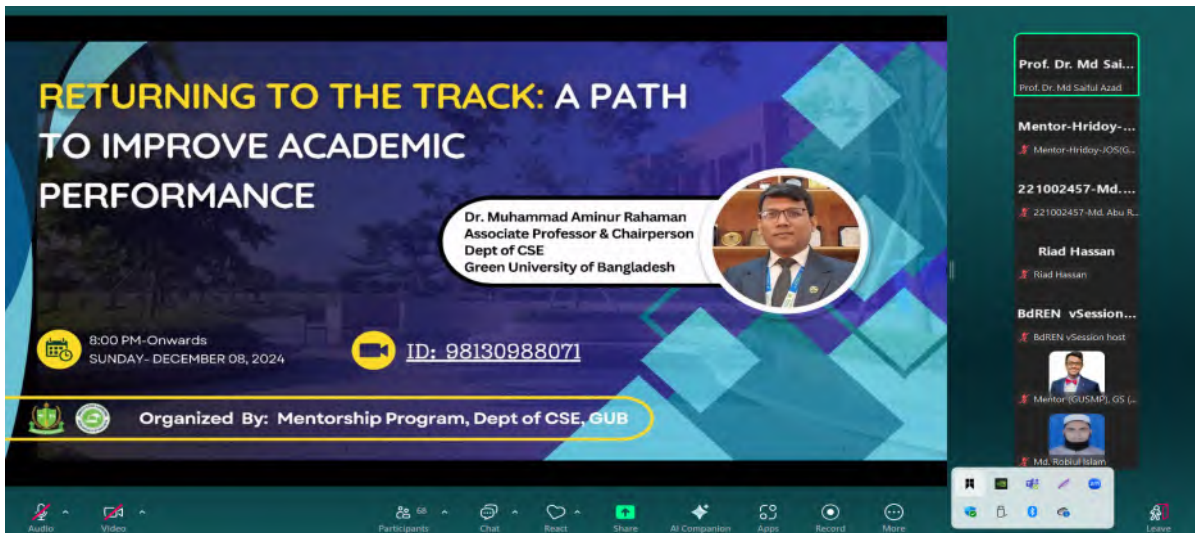


Figure 2.17: The Banner of the program of Returning to The Track: A Path to Improve Academic Performance”

Finally some students shared their challenges and difficulties they are facing, and our respected session chair gave solutions to their problems.

3

Awards and Achievements

Welcome and Congratulations to Prof. Dr. Md. Ahsan Habib for being appointed as Professor of the Department of Computer Science and Engineering at Green University of Bangladesh. He is the Chair of IEEE Computer Society Bangladesh Chapter and former Professor at ICT, MBSTU. We are confident that his knowledge, passion, and leadership will be instrumental in propelling our department to even greater heights.



Figure 3.1: Appointment of Dr. Md. Ahsan Habib as Professor of the Department of CSE at GUB.

Congratulations to Prof. Dr. Md. Saiful Azad, Dean, FSE, and Director, IQAC, GUB, for being

elected as the Research Activity Coordinator of the IEEE Computer Society Bangladesh Chapter Executive Committee 2024. We are delighted by your achievement and we wish you continued success in this prestigious role.



Figure 3.2: Appointment of Dr. Md. Saiful Azad as Dean of FSE, and Director, IQAC at GUB.

Congratulations to Dr. Muhammad Aminur Rahaman, Chairperson, Dept. of CSE at GUB, for being elected as the Conference Coordinator of the IEEE Computer Society Bangladesh Chapter Executive Committee 2024. We are delighted for your achievement and we wish you continued success in this prestigious role.



Figure 3.3: Appointment of Dr. Muhammad Aminur Rahaman as Chairperson of the Department of CSE at GUB.

3.1 GREEN THUNDER Secures Top 5 in DU Code Samurai

Congratulations, Team “GREEN THUNDER” achieved 5th position in DU code samurai among 300 teams. It was preliminary online round and 91 teams selected for the next round. Team GREEN THUNDER:

- Nurul Huda - 221902012
- Mahir Md. Zahin Afsar - 221902014
- Md. Suaed Ahmed - 221902175

Best wishes for the next round. Go ahead.

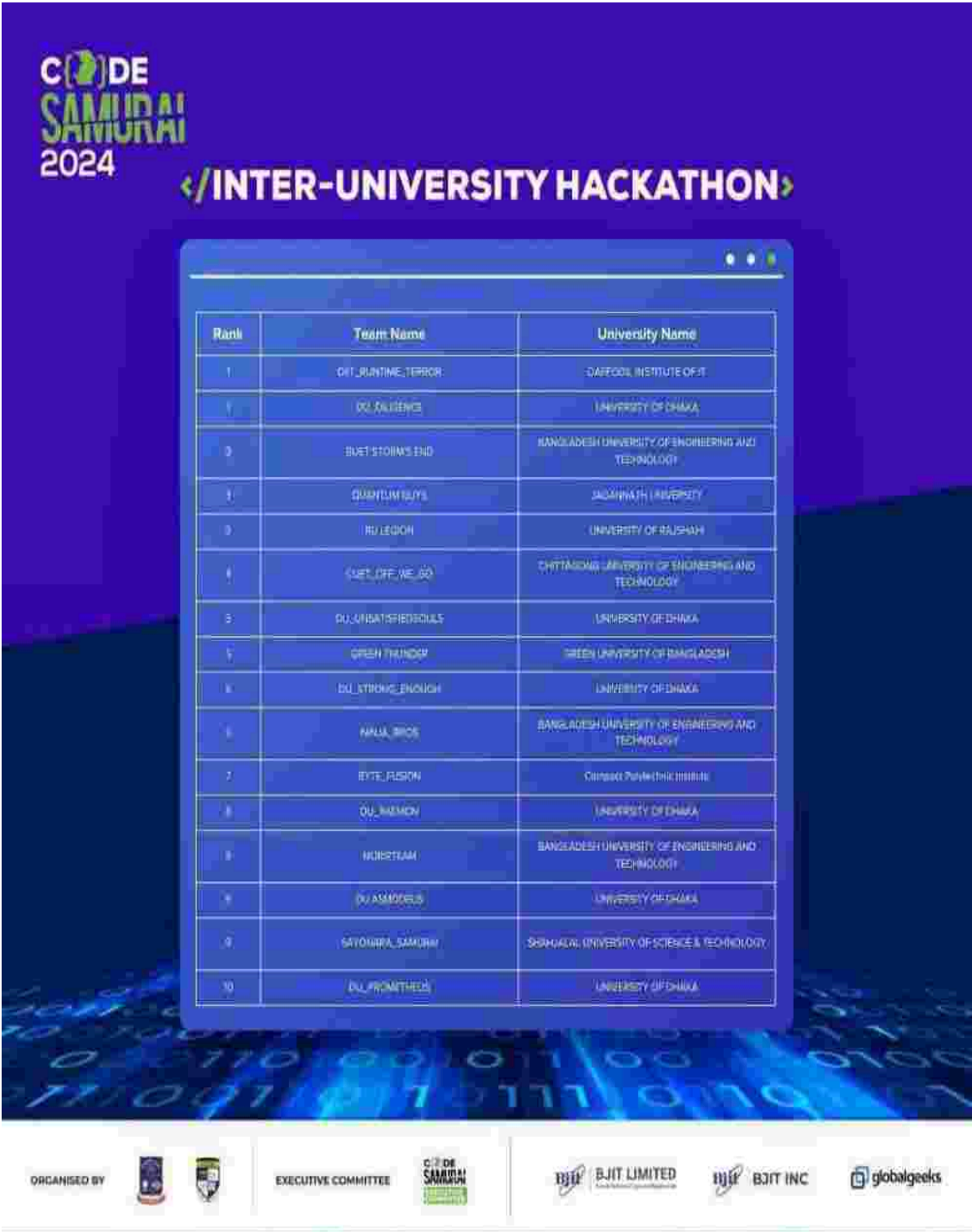
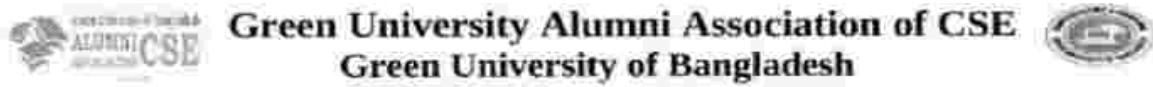


Figure 3.4: List of participant team at Inter-University Hackathon.

3.2 GAACSE 2024 Executive Committee: A New Chapter Begins

Congratulations to the newly formed Green University Alumni Association for CSE (GAACSE) Executive Committee 2024. We believe the Green University Computer Club (GUCC) Executive Committee 2023-24 and the GUB Alumni Association of CSE Executive Committee 2024 will work hand in hand to ensure the best opportunities for the students of our Dept. of CSE- Green University of Bangladesh



Green University Alumni Association of CSE Executive Committee 2024

This is to inform all concerned that the executive committee of the Green University Alumni Association of the CSE (GAACSE) has been formed in the general meeting of the interested alumni members and **Industry-Academia Collaboration and Alumni Association Coordination Board** Committee Members on February 23, 2024. An executive committee consisting of the following 18 members has been formed for 2024.

Sl	Name	Student ID	Contact	Position
1.	K. M. Ahsanul Abedeen	130102096	01919364020	President
2.	Shahjahan Ahmed Saju	153002001	01711853814	Vice-president
3.	Saroar Jahan Sojib	171002011	01789489563	Vice-president
4.	Ruyan Sajib Miha	181002053	01746273268	General Secretary
5.	Md. Fahim Shuhriar	191002141	01703226355	Joint General Secretary
6.	Md. Zahidul Hasan	183002076	01761834096	Treasurer
7.	Bishoxit Chandra Das	191002365	01624695519	Organizing Secretary
8.	Sr. Ashraful Islam	191002102	01726737787	Joint Organizing Secretary
9.	Rusmita Hafin Chaity	171002022	01881898969	Information Secretary
10.	Md. Ranul Reza	191002067	01744129715	Joint Information Secretary
11.	Md. Iqbal Rahman	191002281	01884568888	Cultural Secretary
12.	Md. Jahid Hassan	201002463	01878959101	Publication Secretary
13.	Fatin Ehsan	201002271	01953336544	Joint Publication Secretary
14.	Kazi Emad	191902025	01954458244	Office Secretary
15.	Kazi Md. Jayed	120202007	01913591627	Executive Member
16.	Md. Junaid Islam	183002144	01822285967	Executive Member
17.	Hasid Islam	181002024	01796193564	Executive Member
18.	Ismail Hossain	191002023	01756542434	Executive Member

23.02.2024

Dr. Muhammad Aminur Rahaman
Chairperson, Department of CSE
Green University of Bangladesh

Dr. Muhammad Aminur Rahaman
Chairperson, Dept. of CSE
Green University of Bangladesh

23/02/2024

Dr. Muhammad Abul Hasan
Advisor
IAC and AAC Board
Department of CSE

23/02/2024

Ms. Shamima Akter
Chairperson
IAC and AAC Board
Department of CSE

Figure 3.5: Authorization of the GUB Alumni Association of CSE Executive Committee 2024.

3.3 Certificate of Achievement Earned by GUCC Executives at Leadership Workshop

The Green University Computer Club (GUCC) is proud as our two outstanding executive members Abdul Fattah and Hridoy Debnath has successfully completed the Day-01 of the workshop titled “Strengthening Leadership Skills for Clubs’ Leaders” on 01 March 2024 (Friday) at A-302 (Seminar Hall), Green

3.3. Certificate of Achievement Earned by GUCC Executives at Leadership Workshop

University of Bangladesh. They have received Certificate of Achievement from the honorable key facilitators Prof. Dr. Md. Golam Samdani Fakir, Distinguished Professor, GBS, and Dr. ASM Shihavuddin, Chairperson, Dept. of EEE & Director, CETL.



Figure 3.6: Abdul Fattah is being awarded certification of achievement by Prof. Dr. Md. Golam Samdani Fakir.



Figure 3.7: Hridoy Debnath is being awarded certification of achievement by Dr. ASM Shihavuddin.

3.4 Celebrating Excellence: Faculty Promotions in the Department of CSE

Congratulations to Dr. Faiz Al Faisal for being promoted to Associate Professor, Department of Computer Science and Engineering, Green University of Bangladesh. Your commitment to excellence serves as an inspiration to us all. We are proud of your extraordinary achievement and wish you all the best in your future endeavors.

Congratulations to Md. Monirul Islam on his well-deserved promotion to Assistant Professor (Mathematics), Department of Computer Science and Engineering, Green University of Bangladesh. Your dedication, passion, and hard work have paid off, and we couldn't be more proud of this incredible achievement. Wishing you continued success and fulfillment as you embark on this new chapter in your academic journey.

Congratulations to Jargis Ahmed for being promoted to Assistant Professor, Department of Computer Science & Engineering, Green University of Bangladesh. Your unwavering dedication and passion have propelled you to this well-deserved milestone. We extend our best wishes for your continued success in the days ahead.

Congratulations, Ehsan Shahmi Chowdhury for being promoted to Assistant Professor, Department of Computer Science and Engineering, Green University of Bangladesh. Your exceptional dedication and expertise are a true inspiration to students within the department. Wishing you all the best as you embark on this exciting new chapter of your academic journey. May it bring you even more success, fulfillment, and countless moments of joy.



Figure 3.8: Faculty members who have been promoted.

3.5 Team LUMINARIES Crowned Champions of Hult Prize GUB Grand Finale

Congratulations to Team “LUMINARIES” from the Department of CSE for their outstanding victory as champions of the Hult Prize Green University of Bangladesh Grand Finale.

Their startup, KhelbaNaki, impressed the judges with its innovative and impactful approach. This incredible achievement is a testament to their dedication, hard work, and passion for making a difference.



Figure 3.9: Hult Prize Green University of Bangladesh Grand Finale winner team, LUMINARIES.

3.6 Successful Orientation Program on Primary Level Programming Session

Successful Orientation Program on Primary Level Programming Session organized by GUCC. With insightful talks from our esteemed guest speakers Shakib Intiaz, Vice President (Technical) of GUCC, and Al Amin, Joint General Secretary (Technical) of GUCC, alongside our special guest Md. Rahul Reza, former General Secretary of GUCC. A huge shoutout to the 180+ participants who joined us on this exciting journey towards mastering programming skills.



Figure 3.10: Banner of the orientation program of Primary Level Programming Session.

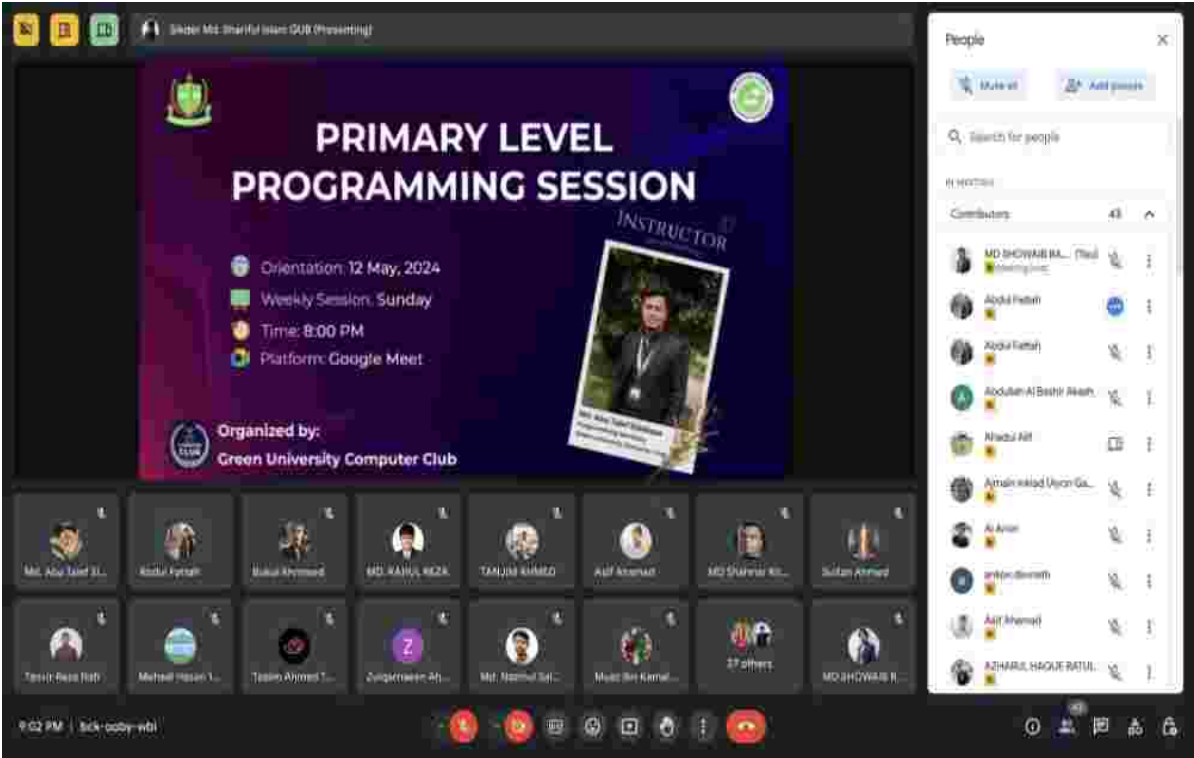


Figure 3.11: A successful completion of the orientation program with huge number of participants through Zoom meeting.

Faculty Transitions and Achievements

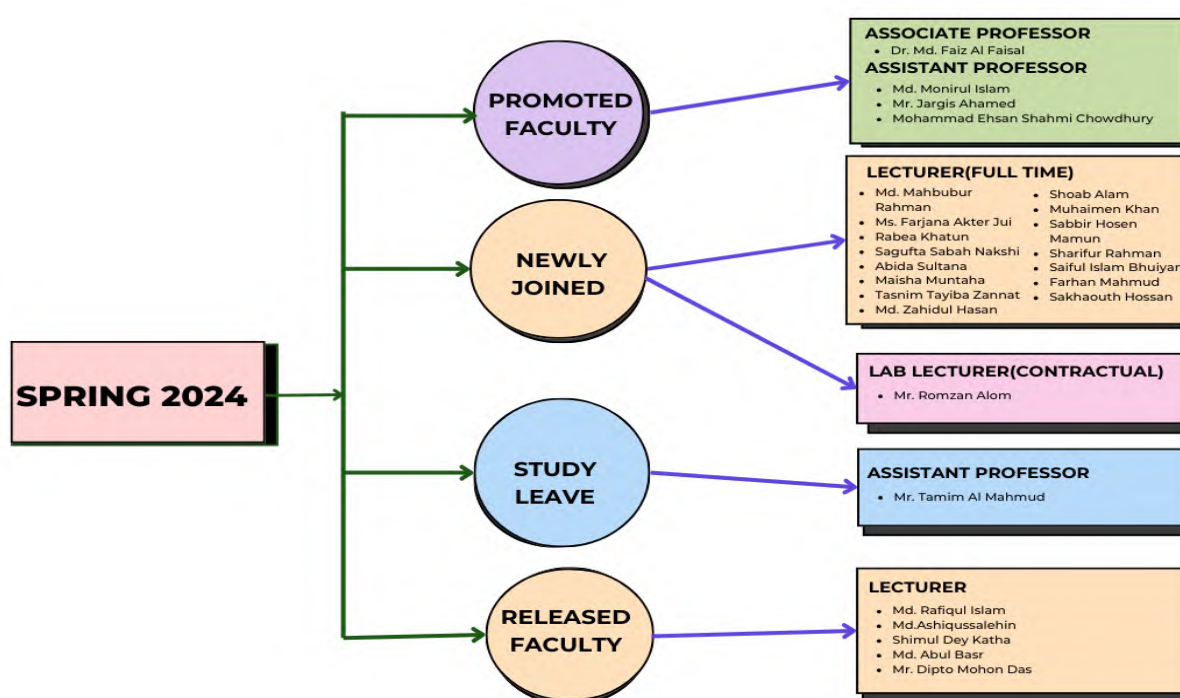


Figure 4.1: Pictorial overview of Spring 2024 Semester

4.1 Promoted Faculty Members (Spring 2024)

- Dr. Md. Faiz Al Faisal was promoted to the post of associate professor and Director of IT in the Spring 2024 semester
- Md. Monirul Islam was promoted to the post of assistant professor in the Spring 2024 semester
- Mr. Jargis Ahmed was promoted to the post of assistant professor in the Spring 2024 semester
- Mohammad Ehsan Shahmi Chowdhury was promoted to the post of assistant professor in the Spring 2024 semester

4.2 Lecturer (Full Time and Contractual) Spring 2024

- Md. Mahbubur Rahman was joined as a lecturer in the Spring 2024 semester.

4.3. Released Faculty Members (Spring 2024)

- Ms. Farjana Akter jui was joined as a lecturer in the Spring 2024 semester.
- Rabea Khatun was joined as a lecturer in the Spring 2024 semester.
- Sagufta Sabah Nakshi was joined as a lecturer in the Spring 2024 semester.
- Abida Sultana was joined as a lecturer in the Spring 2024 semester.
- Maisha Muntaha was joined as a lecturer in the Spring 2024 semester.
- Tasnim Tayiba Zannat was joined as a lecturer in the Spring 2024 semester.
- Md. Zahidul Hasan was joined as a lecturer in the Spring 2024 semester.
- Shoab Alam was joined as a lecturer in the Spring 2024 semester.
- Muhaimen Khan was joined as a lecturer in the Spring 2024 semester.
- Sharifur Rahman was joined as a lecturer in the Spring 2024 semester.
- Sabbir Hosen Mamun was joined as a lecturer in the Spring 2024 semester.
- Saiful Islam Bhuiyan was joined as a lecturer in the Spring 2024 semester.
- Farhan Mahmud was joined as a lecturer in the Spring 2024 semester.
- Sakhaouth Hossan was joined as a lecturer in the Spring 2024 semester.
- Mr. Romzan Alom was joined as a lab lecturer (Contractual) in the Spring 2024 semester.

4.3 Released Faculty Members (Spring 2024)

- Mr. Tamim Al Mahmud was on study leave to pursue his PhD in the Spring 2024 Semester.
- Md. Rafiqul Islam left his lecturer position in the Spring 2024 semester.
- Md. Ashiqussalehin left his lecturer position in the Spring 2024 semester.
- Shimul Dey Katha left her lecturer position in the Spring 2024 semester.
- Md. Abul Basar left his lecturer position in the Spring 2024 semester.
- Mr. Dipto Mohon Das left his lecturer position in the Spring 2024 semester.

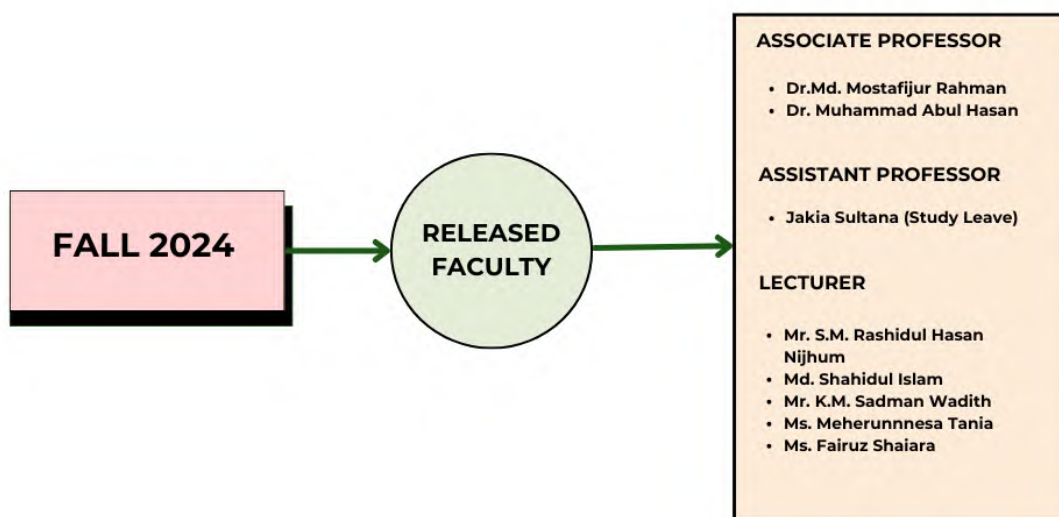


Figure 4.2: Pictorial overview of Fall 2023 Semester

4.4 Released Faculty Members (Fall 2024)

- Dr. Md. Mostafijur Rahman left his associate professor position in the Fall 2024 semester.
- Dr. Muhammad Abul Hasan left his associate professor position this Fall 2024 semester.
- Jakia Sultana was on study leave to pursue her PhD in the Fall 2024 Semester.
- Mr. S.M. Rashidul Hasan Nijhum left his lecturer position in this Fall 2024 semester.
- Md. Shahidul Islam left his lecturer position this Fall 2024 semester.
- Mr. K.M. Sadman Wadith left his lecturer position in this Fall 2024 semester.
- Ms. Meherunnesa Tania left her lecturer position in this Fall 2024 semester.
- Ms. Fairuz Shaiara left her lecturer position in the Fall 2024 semester.

5

Student Club Activities

5.1 “Inter Department Programming Contest (IDPC) Spring 2024” organized by the Green University Computer Club

The contest was held on 15 February 2024 at the Green University of Bangladesh campus. Beginning at 01:30 PM and concluding at 03:30 PM, it witnessed the enthusiastic participation of 121 teams in total. Each team, comprising two members, engaged in a competitive and exhilarating atmosphere.

Following the contest, the prize-giving ceremony took place in room A-302 from 3:40 pm to 4:30 pm. The event was graced by the honorable Prof. Dr. Khawza Iftekhar Uddin Ahmed, Honorable Vice-Chancellor (Acting) of Green University of Bangladesh as the chief guest. Our Special Guest was Prof. Dr. Md. Saiful Azad, the honorable Dean, FSE, and Director, IQAC. Dr. Muhammad Aminur Rahaman, Chairperson of the Department of CSE, was our distinguished session chair.

During the ceremony, the distinguished guests presented awards and medals to the winners with a total prize pool of 15,000 BDT. We take immense pride in congratulating team “Adu_Vai” for emerging as the proud Champions of the “Inter Department Programming Contest (IDPC) Spring 2024.” They were awarded Gold Medals and a prize of 6000 BDT. Team “ObjectPool” was the First Runner Up

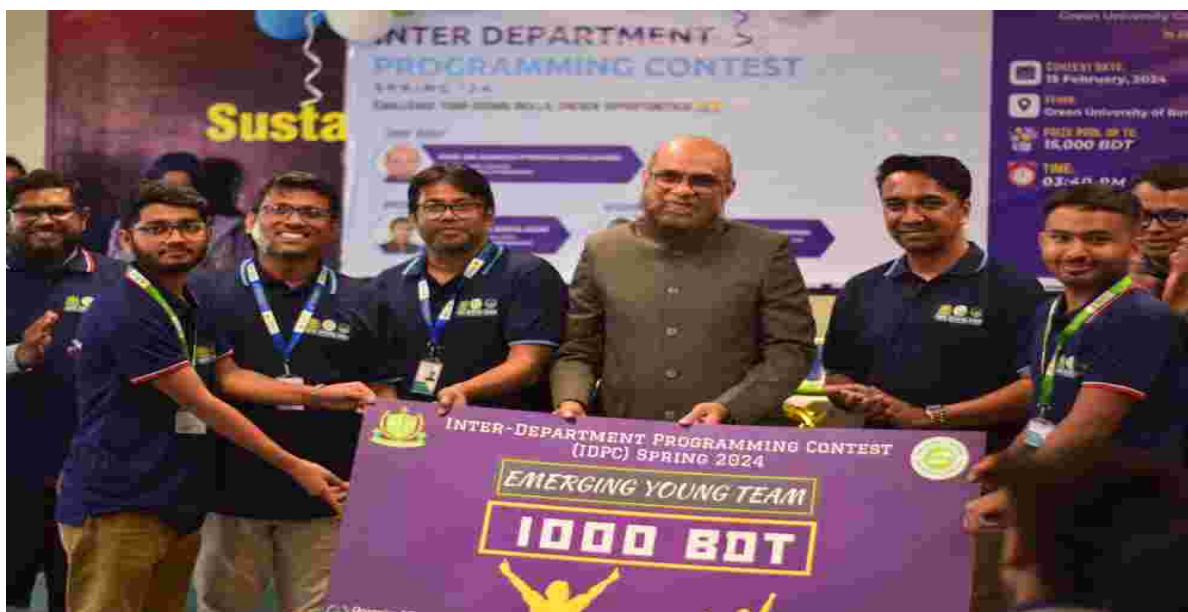


Figure 5.1: Prize giving ceremony of Inter Department Programming Contest. Winner team received handsome prize money.

winning the Silver Medal and a prize money of 4000 BDT. The Second Runner Up of the event was team “Flight No. MH370”. They were awarded with the Bronze medal and 3000 BDT. Team “M&R” was awarded as the Best Emerging Young Team and Team “Team not Found” was awarded for being The Best Female Team. The Award Giving Ceremony concluded with a memorable group photo session, capturing the spirit of camaraderie and achievement that defined the IDPC Spring 2024.

We extend our gratitude to all participants, and attendees whose support and enthusiasm made this event a grand success. Thank you all for your unwavering support.

5.2 Orientation Program, Spring-24, Dept. of CSE

It is our great pleasure to announce that the CSE Departmental Freshers’ Orientation Program, held on February 25th, was a resounding success. The program started off promptly at 2 pm in A-302 (Seminar Hall), following all guidelines meticulously. It began with an introductory session for the freshers, warmly welcomed by the department’s faculty members.

We were privileged to have The Honorable Dean of the Faculty of Science and Engineering (FSE) and Director of IQAC, Prof. Dr. Md. Saiful Azad, as our esteemed chief guest. Additionally, we were honoured by the presence of Prof. Dr. Md. Ahsan Habib, distinguished Professor from the Department of CSE at Green University of Bangladesh, who joined us as a special guest, fascinating the audience with his insightful speech. The program was chaired by Dr. Muhammad Aminur Rahaman, Chairperson of the Department of Computer Science and Engineering, contributed to this orientation’s success.

5.3 “Roadmap to Career in Software Quality Assurance” Organized by GUCC

The Green University Computer Club (GUCC) successfully organized a seminar on “Roadmap to Career in Software Quality Assurance” on May 23, 2024, in A-302 (Seminar Hall). It was an honor to have the presence of the chief guest, special guests, session chair, esteemed faculty members, and over 120 students.

The seminar commenced at 9:30 AM with the arrival of guests from QA Harbor and our Distinguished Chief Guest, Prof. Khawza Iftekhar Uddin Ahmed, Honorable Pro Vice-Chancellor of GUB and Session chair, Dr. Muhammad Aminur Rahaman, Associate Professor and Chairperson of the Dept. of CSE, GUB. Also in attendance were Prof. Dr. Md. Ahsan Habib, SMIEEE, Chair of IEEE CS BDC, Director of CCE, , and faculty members of the Dept of CSE GUB.

The banner features the Green University logo at the top left and a circular logo at the top right. The main title is "Seminar On Roadmap to Career in Software Quality Assurance". It lists three speakers: Resource Person (Md. Masudur Rahaman, Managing Director QA Harbor), Chief Guest (Prof. Dr. Khawza Iftekhar Uddin Ahmed, Pro Vice Chancellor Green University of Bangladesh), and Keynote Speaker (Kazi Safaet Mahmud Alwi, General Manager bKash). The topics include "Understanding Software Testing and Quality Assurance Fundamentals", "Explore Thriving Career Paths in Software Quality Assurance", and "Who can join: Students working on their thesis or project, aspiring students interested in industrial training, and IT enthusiasts from the Department of CSE, GUB". The event is organized by QA Harbor and associated with IEEE GUB, IEEE Computer Society Bangladesh Chapter, IEEE Computer Society Sub Student Branch Chapter, and BASIS. The date is Thursday, 23 May 2024, from 09:30 AM to 12:30 PM, at A-302 Seminar Hall.

Figure 5.2: Seminar banner for Roadmap to Career in Software Quality Assurance.

5.3. “Roadmap to Career in Software Quality Assurance” Organized by GUCC

Prof. Dr. Md. Ahsan Habib, SMIEEEE, Chair of IEEE CS BDC, Director of CCE, warmly welcomed all attendees, highlighting the seminar’s significance and expressing gratitude to the organizers and participants. Following the welcome address, a quick quiz was conducted by QA Harbor, and an introduction to the session was provided.

Md. Masudur Rahaman, Managing Director of QA Harbor, shared his experiences in the software industry, particularly his work and learnings in Japan. This was followed by a speech from Prof. Khawza Iftekhar Uddin Ahmed, Pro Vice-Chancellor of GUB who appreciated the organizers’ efforts and addressed the attendees.



Figure 5.3: The representatives from various software development companies meet with the organizer of the seminar.

The keynote speaker, Kazi Safaet Mahmud Auvi, General Manager (Solution Engineering Product & Technology Division) at bKash, delivered a career-oriented session on the importance and workings of Software Quality Assurance. Additionally, Ashikur Rahman, Jr. QA Engineer, shared his experiences in the field.

After a 10-minute break, during which participants provided feedback, Farzam Aidelkhani, Business Development Manager, discussed career tips and the essentials of a professional QA resume. The session concluded with a Q&A segment and a final quick quiz. Winners of the quiz received gifts from QA Harbor.

The closing remarks were delivered by Prof. Dr. Muhammad Aminur Rahaman, Chairperson of the Dept. of CSE, GUB, who encouraged all attendees.

The seminar on “Roadmap to Career in Software Quality Assurance” was a resounding success, bringing together distinguished guests, faculty, and students to explore career opportunities in software quality assurance and the software industry, including careers in Japan.

We extend our heartiest thanks to all the speakers, guests and attendees for their valuable contribution.

5.4 Seminar on “Career Guidance for CSE Graduates in Bangladesh”

Green University Computer Club (GUCC) and the Center for Career Development (CCD) successfully hosted the seminar on “Career Guidance for CSE Graduates in Bangladesh” on July 11, 2024, in A-302 Seminar Hall, Admin Building, GUB. It is our great pleasure to share that the Chief Guest, Guest of Honor, Special Guest, Session Chair, faculty members, and numerous enthusiastic students were present at this significant event.

The seminar began at 10:00 am with a warm welcome extended by Dr. Muhammad Aminur Rahman, Associate Professor and Chairperson of the Dept. of CSE at Green University of Bangladesh, who expertly chaired the event. His insightful guidance set the stage for a productive and engaging seminar.



Figure 5.4: Students with chairperson of CSE department and faculty members of the department of CSE and EEE.

We were honored to have Prof. Dr. Md. Saiful Azad, Dean of FSE and Director of IQAC at Green University of Bangladesh, as our esteemed Special Guest. His valuable insights and words of encouragement greatly inspired all participants.

A special mention goes to Sourav Borua, Assistant Director of CCD, who delivered an impactful speech, providing essential career guidance to our participants.

Our heartfelt thanks go to our esteemed keynote speaker, Anisul Islam, Full Stack Trainer at Integrify, Finland. His enlightening keynote address and active engagement during the vibrant Q&A session were particularly well-received by the attendees. We are deeply grateful to Anisul Islam for his significant contributions to the seminar’s success.

The event featured a series of inspiring speeches and interactive sessions that provided valuable guidance to our CSE graduates. The distinguished speakers and enthusiastic participants made this seminar a significant milestone in guiding our CSE graduates towards successful careers.

5.5 Orientation program the Department of Computer Science and Engineering (CSE) & Software Engineering (SWE)

Freshers Orientation Program, Fall 2024 was successfully organized by the Department of CSE & SWE, jointly with the Green University Computer Club (GUCC), at the GUB Multipurpose Hall on September 17, 2024.. The event was a wonderful occasion to welcome the newly enrolled students to our CSE & SWE family.



Figure 5.5: Banner of the Orientation program of the Department of Computer Science and Engineering (CSE) & Software Engineering (SWE).

The program began with recitations from the Holy Quran by Md. Akramul Haque (Batch 221) and the Holy Gita by Dola Rani Biswas (Batch 232). Abdul Fattah (Batch 221), a senior student, then delivered a welcome speech, sharing insights from his own academic journey.

We were honored by the presence of Prof. Dr. Md. Saiful Azad, Dean, FSE and Director of IQAC, GUB, who graced the event as the Honorable Chief Guest. He delivered a profound and motivational speech to the new students, highlighting the importance of their journey in the field of computer science and engineering, while emphasizing the role of the department in shaping their future. His insights on technological advancements and career paths were both informative and inspiring.

We were also privileged to have Dr. Md. Mostafijur Rahman, Associate Professor and Chairperson, Department of SWE, GUB as our Special Guest. He offered his valuable perspective on the significance of interdisciplinary collaboration between CSE and SWE, encouraging the students to embrace the opportunities that Green University provides. His speech reflected the importance of the close ties between the two departments.

The program was chaired by Dr. Muhammad Aminur Rahaman, Associate Professor and Chairperson, Department of CSE, GUB. As the Session Chair, he warmly welcomed the freshmen, introducing them to the values and academic expectations of the CSE Department. His speech emphasized the department's dedication to academic excellence and continuous support for student development.

5.5. Orientation program the Department of Computer Science and Engineering (CSE) & Software Engineering (SWE)



Figure 5.6: Dean of FSE, chairpersons and faculty members of both CSE and SWE departments are sitting with newly admitted students in the Multipurpose Hall of GUB.



Figure 5.7: New students are welcomed with flowers during the Orientation program.

Following the inspiring speeches, Md. Montasir Rahman, President of the Green University Computer Club (GUCC), delivered a presentation on the club's history, mission, and the importance of co-curricular involvement, along with introducing the 2023-24 Executive Committee. This was followed by a video highlighting the achievements of the CSE Department and a faculty introduction by Riya Hasan. Additionally, Md. Saiful Islam Rimon introduced the CSE Department's mentorship program. In addition, Mohammad Ehsan Shahmi Chowdhury, Assistant Professor & Program Coordinator (PC),

also presented important documents and guidelines for the new students. The program concluded with an interactive Q&A session where the new students actively participated, clarifying their queries and concerns.

The event was expertly hosted by Rabeya Eva and Riyad Ibn Ahmed, ensuring a smooth flow throughout the program. At the end, a cultural segment was held in a very cheerful environment where the existing students showcased their talents in various fields as well as faculty members also joined with the students which made the program more vibrant. This orientation successfully laid a strong foundation for the new students, building excitement for their academic journey ahead.

5.6 CSE Carnival 2024

- Date: 02 October 2024
- Time: 09:30 AM (Rally) & 10:00 AM (Ceremony)
- Venue: Admin Building Premises & Multipurpose Hall, GUB Campus

Inauguration Rally: Honorable Prof. Dr. Mohammad Shorif Uddin, Vice Chancellor, GUB, Captain (Navy) S M Salahuddin NGP, psc, MBA (LPR), Registrar, GUB, Prof. Dr. Md. Golam Samdani Fakir, Distinguished Professor & Former VC, GUB, Prof. Dr. Md. Saiful Azad, Dean FSE, GUB, Dr. Md. Aliur Rahman, Chairperson, Dept. of JMC, GUB, Dr. Muhammad Aminur Rahaman, Chairperson, Dept. of CSE, GUB, Professor Dr. Md. Ahsan Habib Tareq, Professor, Dept. of CSE, GUB, Syed Ahsanul Kabir, Associate Professor, Dept. of CSE, GUB, Md. Monirul Islam, Assistant Professor, Dept. of CSE, GUB & Moderator, GUCC, Mohammad Ehsan Shahmi Chowdhury, Assistant Professor & Moderator BSF, Dept. of CSE, GUB and Palash Roy, Lecturer & Mentor, IEEE SB & IEEE CS, Dept. of CSE, GUB, other respected faculty members, admin staffs, volunteers, and students of the Dept. of CSE attended the rally.

Before the rally began, helium balloons and pigeons were released to officially inaugurate the carnival. The rally was a vibrant display of colors, with a large number of students joining in, holding colorful placards and wearing carnival-themed t-shirts. A lively music band led the way, setting the energetic tone as the rally moved around the campus. Participants chanted enthusiastic slogans, creating an atmosphere of celebration and unity.



Figure 5.8: Inauguration of CSE Carnival 2024 by releasing festival banner tied to colorful balloons by Honorable VC sir.

The rally paused at the main entrance of the Annex Building, where group photos were taken. A

red ribbon was then cut to officially inaugurate the carnival. The rally continued towards the GUB Multipurpose Hall, concluding with a fantastic celebration by all the participants.

Inauguration Ceremony: The Chief Guest of the ceremony was Prof. Dr. Mohammad Shorif Uddin, Vice Chancellor of Green University of Bangladesh. Joining him as a Special Guest was Prof. Dr. Md. Saiful Azad, Dean of the Faculty of Science and Engineering (FSE) and Director of IQAC at Green University of Bangladesh. Nizam Khan, Head of Tech Management and Innovation at Samsung R&D Institute Bangladesh, also joined as a Special Guest. The occasion featured Muhammad Raisuddin Ahmed, PhD, Associate Professor at the Military Technology College in Muscat, Oman, as the Keynote Speaker. Prof. Dr. Md. Golam Samdani Fakir, Distinguished Professor at GBS and Former Vice Chancellor of Green University of Bangladesh, served as the Guest of Honor. Dr. Muhammad Aminur Rahman, Associate Professor and Chairperson of the Department of CSE at Green University of Bangladesh, chaired the session.



Figure 5.9: CSE Carnival 2024 Inauguration Rally, led by Honorable VC sir, Pro VC sir, Registrar, Dean of FSE, Chairman sir and other respected teachers of CSE Department, and followed by a large number of students.

The ceremony began at 10:00 AM, with the venue packed to capacity, filled with students, teachers, administrative staff, and other dignitaries. All the esteemed guests commended us for organizing such a large-scale event so efficiently. They also appreciated the carnival's motto, "Inspiring Innovation," and encouraged the participants to continue their efforts in creating innovations that could benefit society.

Chief Guest Prof. Dr. Mohammad Sharif Uddin, Vice-Chancellor of Green University of Bangladesh, addressed the students, saying, "You are the possibility of the future. Our job is just to tune you to the changing situation. You have to swallow the rest. USA, Canada, and Australia are looking for you." His speech emphasized the global demand for skilled professionals and urged students to take charge of their future by adapting to new circumstances.

Special Guest Prof. Saiful Azad, Dean of the Faculty of Science and Engineering and Director of IQAC, highlighted the critical role of technological knowledge in navigating the challenges of the 21st century. He added, "Leadership qualities are also essential." Additionally, he highlighted the importance of integrating extracurricular activities with academic pursuits, encouraging students to see them as part of their overall development.

Special Guest Nizam Khan, Head of Tech Management and Innovation at Samsung R&D Institute Bangladesh, discussed the role of innovation in the tech industry. He encouraged students to stay

curious and cultivate a mindset of continuous learning to stay ahead in the fast-evolving tech landscape.

In his keynote address, Dr. Muhammad Raisuddin Ahmed, Associate Professor at the Military Technology College in Muscat, Oman, spoke on the readiness of the job market. He said, “Opportunities are plentiful; it’s up to students like you to seize them.” He encouraged students to explore scholarships and professional opportunities in Western countries and the Middle East.

Guest of Honor Prof. Dr. Md. Golam Samdani Fakir, Distinguished Professor of Green Business School and Former Vice Chancellor of GUB, focused on the broader purpose of education. He urged students to engage deeply with both their studies and personal development to create meaningful impacts on society.

Professor Dr. Md. Ahsan Habib, Director, CCE & Professor, Dept. of CSE highlighted the significance of continuous learning and adaptability in today’s rapidly advancing technological landscape. He expressed his appreciation for the CSE Department’s efforts in organizing such a grand event, acknowledging the hard work and dedication of both faculty and students.

Dr. Muhammad Aminur Rahaman, Chairman of the CSE Department and Session Chair of the event, emphasized the ever-increasing importance of computer science in the modern world. He discussed the various aspects of the GUB CSE Carnival 2024 organized by the department and its role in showcasing student talent, creativity, and innovation.

Monirul Islam, Associate Professor of the Department of CSE and Moderator of the Green University Computer Club, praised the focal persons of all committees and expressed his gratitude to the CSE Department for supporting to organize the carnival.

Crests were presented to two of our distinguished guests, Nizam Khan, Head of Tech Management and Innovation at Samsung R&D Institute Bangladesh, and Muhammad Raisuddin Ahmed, PhD, Associate Professor at Military Technology College in Muscat, Oman, as a token of appreciation from the Department of CSE, GUB.

The event concluded with a vote of thanks from the honorable Session Chair, Dr. Muhammad Aminur Rahaman, Chairperson of the Dept. of CSE, GUB. He expressed his gratitude to all the stakeholders involved in making the event a great success.

5.6.1. CSE Carnival - Idea Showcasing Contest

- Date: 02 October 2024
- Time: 11:00 AM - 12:00 PM
- Venue: Balcony, 5th Floor, Admin Building, Green University of Bangladesh

The Idea Showcasing Contest as a part of GUB CSE CARNIVAL 2024 hosted by the Department of Computer Science and Engineering of Green University of Bangladesh. This event was organized by the Green University Computer Club and co-organized by IEEE Computer Society Student Branch Chapter GUB, IEEE Student Branch GUB, and BASIS Student Forum GUB Chapter, was a resounding success. This event held on 02 October 2024, brought together talented students from both the Junior and Senior categories to present their innovative ideas and compete for exciting cash prizes.

The event highlighted the participants’ ambition for innovation, showcasing groundbreaking solutions and technological brilliance that addressed real-world challenges. The ideas presented were forward-thinking, aiming to make a significant impact on the future of technology and society.

At the first round, the participants submit a 3-minute presentation. From the 3-minute presentation, candidates are shortlisted for the poster presentation. The poster presentation event kicked off at 11:00 AM in a festive atmosphere. A total of 10 participants - 5 from the Senior level and 5 from the Junior level, competed in the contest. Each participant had the opportunity to showcase their groundbreaking

ideas through Poster Presentations, having been selected after a 3-minute video presentation.

Faculty members from the Department of CSE, along with prominent judges, were present at the event and provided valuable feedback. Additionally, comment sections were available for attendees to share their thoughts on both Junior and Senior level poster presentations, adding an interactive dimension to the contest.

The contest featured an external judge, Mr. Ahsin Abid, Lead Engineer at Samsung R&D Institute Bangladesh, who offered insightful critiques. Furthermore, Mr. Nizam Khan, Head of Tech Management and Innovation at Samsung R&D Institute Bangladesh, was also present, bringing diligence to the event.

As a gesture of appreciation, a certificate was presented to Mr. Ahsin Abid by the Conovernor of GUB CSE CARNIVAL 2024 and Chairperson of the Department of CSE, Dr. Muhammad Aminur Rahaman and Co-Convenor of GUB CSE CARNIVAL 2024 Prof. Dr. Ahsan Habib Tareq, in the presence of other distinguished judges, faculty members, participants, and volunteers.

Following the poster presentations, the winners were announced. Participants were judged on title appropriateness, presenter's expertise, background significance, research strategy/design, innovation, organization, design clarity, and the potential impact of their ideas.

Junior Level Winners:

- 1st Place: Sadikul Islam Adil (ID: 222902003)
Title of the Idea: "আজকের মূল্য"
- 2nd Place: Fahim Mahmud (ID: 221002070)
Title of the Idea: "Microhydropower: Harnessing Water for Sustainable Energy"
- 3rd Place: Rifat Hossain Abrar (ID: 221002385)
Title of the Idea: "SDG Zero Hunger"

Senior Level Winners:

- 1st Place: Himel Saha (ID: 201002111)
Title of the Idea: "ASFL: An Adaptive SplitFed Learning Framework for Industrial Internet of Things"
- 2nd Place: A.K.M. Atiqur Rahman (ID: 202002035)
Title of the Idea: "Age of Information and Energy Aware Multi-UAV Assisted Efficient Data Collection in Sensor Networks"
- 3rd Place: Ibrahim Tanvir (ID: 211902055)
Title of the Idea: "Energy and Latency-Aware for Computationally Intensive Task Allocation in Aerial Edge Computing"

The contest concluded with a group photoshoot, capturing the spirit of innovation and collaboration that the event fostered. This event not only highlighted the exceptional talent within the Department of Computer Science and Engineering at Green University of Bangladesh but also underscored the department's dedication to fostering a culture of technological excellence, forward-thinking solutions and pioneering ideas.

5.6.2. CSE Carnival - The Talent Hunt

The Department of Computer Science and Engineering, Green University of Bangladesh, successfully organized Talent Hunt as part of the CSE Carnival 2024 organized by the Green University Computer Club (GUCC), and co-organized by the IEEE Student Branch GUB, IEEE Computer Society Student Branch Chapter GUB and the BASIS Student Forum GUB Chapter.

This event was designed to showcase the wide array of talents exhibited by our students, spanning five diverse categories:

1. Arts and Crafts,

2. Logo Design,
3. Photography,
4. Cinematography, and
5. Public Speaking.

For these events, we had our esteemed judges who screened and evaluated the submissions to select the winners. The guest list is attached herewith:

Category	Panel Members
Arts and Crafts	1. Ms. Fatema Tuj Johora, Lecturer, Dept. of CSE 2. Maisha Muntaha, Lecturer, Dept. of CSE
Logo Design	1. Dr. Md. Mostafijur Rahman, Associate Professor & Chairperson, Dept. of SWE and Exam Controller, GUB 2. Dr. Muhammad Abul Hasan, Associate Professor & Assoc. Chairperson (Research & OBE), Dept. of CSE, Chairperson, Dept. of AI and Data Science
Photography	1. Md. Zahidul Hasan, Lecturer, Dept. of CSE 2. Mr. Kazi Hasnayeem Emad, Lecturer Lab, Dept. of CSE
Cinematography	1. Md. Zahidul Hasan, Lecturer, Dept. of CSE 2. Mr. Kazi Hasnayeem Emad, Lecturer Lab, Dept. of CSE
Public Speaking	1. Mr. Mahbubur Rahman, Lecturer & PC(D), Dept. of CSE 2. Mr. Abdullah Al Farhad, Lecturer, Dept. of CSE

Table 5.1: List of faculty members of CSE department as the judges for different categories of Talent Hunt event.



Figure 5.10: Winner students along with the judges of the Talent Hunt show of CSE Carnival 2024.

Event Highlights:

1. Initial Submission and Judging:
The preliminary rounds for Logo Design, Photography, and Cinematography were completed

beforehand, and the winners have been identified through an initial submission and judgment process. These segments have brought forward creative digital works and artistic expressions from our talented participants.

2. Final Round:

The final round focused on the Arts and Crafts and Public Speaking categories. Participants in these segments competed live on October 2, 2024, from 11:00 AM to 12:30 PM in Room A-302. This was an engaging session where students had the opportunity to display their artistic creations and deliver compelling speeches, reflecting their hard work and creativity.

3. Prize-Giving Ceremony:

The event culminated in a Prize-Giving Ceremony, where winners from all five segments were honored with crest and certificates.

4. Closing and Photo Session:

The event concluded with closing remarks from the judges, followed by a group photo session to capture and celebrate the joyful moments with all the winners, volunteers, and participants.



Figure 5.11: A portion of the presented items in the Talent Hunt show including paintings, bangles etc.

Event Details at a Glance:

- Event Title: Talent Hunt
- Date: October 2, 2024
- Time: 11:00 AM – 12:30 PM
- Venue: Room A-302

All winners at a glance:

- Arts & Crafts (Painting)
 - 1st Position: Monalisa Bargman
 - 2nd Position: Mymuna Akter Shifa
 - 3rd Position: Lamiya Akter
- Arts & Crafts (Calligraphy)
 - 1st Position: Monalisa Bargman
 - 2nd Position: Md Nasif Hasan Toha
 - 3rd Position: Tasmia Noor Tama

- Arts & Crafts (Crafts)
 - 1st Position: Nusrat Jahan Borsha
 - 2nd Position: Lamiya Akter
- Logo Design
 - 1st Position: Md. Montasir Rahman - 202002003
 - 2nd Position: Md. Yousuf Sayem - 222015036
 - 3rd Position: Jubayar Alam - 242002155
- Cinematography
 - 1st Position: Tonmoy Kanti Das - 232002181
 - 2nd Position: Shifa Sarkar - 222902082
 - 3rd Position: Niti Bhuiyan - 222902015
- Photography
 - 1st Position: Md Naeem Hossen - 221902107
 - 2nd Position: Md. Shoayeb Hossain - 222002105
 - 3rd Position: S M Naymuzzaman Nahid - 221002573
- Public Speaking
 - 1st Position: Rifat Hossain Abrar
 - 2nd Position: Tanveer Ziad
 - 3rd Position: Durjoy Saha Dipta

5.6.3. CSE Carnival - Technical Talk : “Securing the internet : Importance of DNSSEC and other techniques”

Date : 02-10-2024

Time : 2:00 – 4:15

Venue : Syndicate Room(A 409)

Platform: Offline

Hosted by : Department of Computer science and Engineering

Organized by : Green University Computer Club(GUCC)

Co Organized by: IEEE Computer Society Student Branch Chapter GUB, IEEE Student Branch GUB, BASIS Student Forum GUB Chapter

Attendance : Approximately 120 Students

On October 2nd, 2024, the Green University Computer Club at Green University of Bangladesh hosted a highly informative Seminar titled “Securing the internet : Importance of DNSSEC and other techniques ”. This event aimed to equip students with practical strategies for Cyber Security.

The seminar featured distinguished speakers who contributed significant insights based on their expertise,

Key Speaker: Dr. Shamsuzzoha
Deputy Director-BTRC, ICANN GAC Representative.

Chief Guest: COLONEL Md. Masud Rana
PSC, PhD, Chairman, Department of Information and Communication Technology, Bangladesh University of Professionals (BUP).

Special Guest: Prof. Dr. Md. Saiful Azad
SMIEEE, Dean, Faculty of Sciences and Engineering and Director of IQAC

Session Chair: Dr. Muhammad Aminur Rahaman
Associate Professor, Chairperson, Department of CSE, Green University



Figure 5.12: Chief guest, COLONEL Md. Masud Rana is delivering his speech on Technical Talk : “Securing the internet : Importance of DNSSEC and other techniques”

- Guests, Faculty members and students take designated seats between 2:00 PM to 2:10 PM.
- Opening session takes place between 2:10PM to 2:15PM.
- Honorable Keynote Speaker Dr.Shamsuzzoha delivered his precious speech and opinions from 2:21PM to 3:30PM. Keynote Speaker discussed about the primary concept of DNS, why it is used and how it's used. He have also discussed about the root server, DNS components, High level concept of DNS. After discussed about the vulnerability of DNS and the reason behind attacking the DNS, he have also showed some example of DNS attacks from different news portal. Later he have also provided the information about how to secure the DNS. At last, he talked about the cyber security act and how to practice cyber security. After that, a dynamic Q&A session addressed student concerns, offering further clarity and diverse perspectives. Attendees found the session motivating and beneficial, inspiring renewed focus on Cyber Security.

As the Chief Guest COLONEL Md. Masud Rana (PSC,PhD) talked about the security and about Artificial intelligence at first. Later he discussed about the Network security and also provided information how to secure the network. Then he have also discussed about different uses of Artificial Intelligence and bring light on some latest uses of Artificial intelligence. Then he provided information about Cyber security threat and describe how to prevent the attacks. In addition, he have delivered a precious speech on ethics . His speech takes place between 3:30PM to 3:55PM.

- Special Guest Prof. Dr. Md. Saiful Azad (SMIEEE, Dean, Faculty of Sciences and Engineering and Director of IQAC) delivered his speech between 3:55PM to 4:05PM. Prof. Dr. Md. Saiful Azad mentioned about Cryptography. Also shared about the prince of cryptography and later he introduced different types of Cryptography technique.

Dr. Muhammad Aminur Rahaman was the Session Chair of the program facilitating engaging discussions and encouraging student participation throughout the session and effectively facilitated the discussions, ensuring that the session remained interactive. Dr. Muhammad Aminur Rahaman thanked all guests for their precious discussion and also thanked all the IEEE, GUCC and BA-SIS students forum GUB chapter's volunteers for their contribution for successful completion of the seminar along with the General volunteers. His speech takes place between 4:05PM to 4:10PM.



Figure 5.13: Keynote speaker, Dr. Shamsuzzoha is presenting his idea to the audience of the Technical Talk seminar.

- A crest given ceremony takes place between 4:10PM to 4:15PM. To acknowledge the valuable contributions to the program, a crest of appreciation was handover to Dr.Shamsuzzoha by Prof. Dr. Md. Saiful Azad and a crest of appreciation was handover to COLONEL Md.Masud Rana by Dr. Muhammad Aminur Rahaman .This gesture reflected the gratitude of the organizing committee and participants for his guidance in Cyber Security and DNS Security extension.
- The seminar concluded successfully, providing participants with essential insights and practical advice for Cyber security and DNSSEC with other technologies. Feedback indicated that attendees found the information both beneficial and motivating, encouraging them to approach their work with Cyber security.
- In conclusion, the “Securing the internet : Importance of DNSSEC and other techniques” seminar effectively equipped students with the necessary tools and knowledge to tackle the Cyber security and network security challenges, emphasizing thorough research, effective resource, and the development of critical skills essential for success in today’s academic and professional landscape.

5.6.4. CSE Carnival - Inter Department Programming Contest

Introduction

We are pleased to announce the successful completion of the “Inter Department Programming Contest (IDPC),” recently held at Green University of Bangladesh (GUB) as a prominent feature of the GUB CSE Carnival 2024. The event was organized by the Green University Computer Club (GUCC) in collaboration with the IEEE Student Branch GUB, IEEE Computer Society Student Branch Chapter GUB, and the BASIS Student Forum GUB Chapter. This contest provided a distinguished platform for more than 50 exceptionally talented teams to demonstrate their analytical and problem-solving abilities through a challenging and insightful programming competition.



Figure 5.14: Honorable Vice Chancellor and Chairperson of CSE department are visiting the contest venue.

Event Highlight

- Preliminary Selection Round:
After an intense and thrilling preliminary round, out of more than 50 teams 25 advanced to the final round. This round was held using an online platform at 07:00 PM to 10:00 PM, on 27 September, 2024.
- Final Round:
The Final Round took place on October 2, 2024, from 1:30 PM to 4:30 PM. This round was held at multiple venues e.g A-501, A-502, A-503. Honorable Vice Chancellor, Prof. Dr. Mohammad Shorif Uddin sir, Dean, Dr. Md. Saiful Azad sir, Chairman, Dr. Muhammad Aminur Rahman sir and other senior faculty members of CSE department visited and monitored the venues.
- Prize-Giving Ceremony:
The event culminated in a Prize-Giving Ceremony, where top five teams were honored with prize money on October 3, 2024. Token of honor was awarded on October 4, 2024 at the Prize-Giving Ceremony of CSE Carnival 2024.
- Closing and Photo Session:
The event concluded with closing remarks from the judges, followed by a group photo session to capture and celebrate the joyful moments with all the winners, volunteers, and participants.

Event Details

- Date : 2nd October 2024
- Time : 1:30 PM - 4:30 PM
- Venue : A-501, A-502, A-503
- Platform: Offline
- Hosted by : Department of Computer science and Engineering
- Organized by : Green University Computer Club(GUCC)
- Co Organized by: IEEE Computer Society Student Branch Chapter GUB, IEEE Student Branch GUB, BASIS Student Forum GUB Chapter

- Standings:
 - ❑ Champion:
Team: Theoretical
Samim Reza - 221902245
Mohabbat Marjuk Muttaki - 231902001
Md Suaeb Ahmed - 221902175
 - ❑ 1st Runners up
Team : GreenU_Frogs
Md. Hosain Rohman Noyon - 221902370
Ismatul Islam Pranto - 221902232
Mahfuz Bin Minhaz - 232002001
 - ❑ 2nd Runners up
Team : afsos_league
Noman Chowdhury Munna - 201002175
Nazmus Sakib - 203002020
Md. Zahid Hasan Mozumder - 203002053



Figure 5.15: A T-shirt, featuring Inter Department Programming Contest is handed over to honorable Dean of Faculty of Science and Engineering departments.

Conclusion

The event's success is a testament to the collaborative efforts of the judges, participants, and organizing committee. We extend our deepest gratitude to all who contributed, particularly to our distinguished guests, whose support was invaluable in making this competition a notable success.

5.6.5. CSE Carnival - CSE Gaming Battle 2024

The "CSE Gaming Battle 2024," part of the Green University of Bangladesh's Carnival from October 1 to 3, has emerged as one of the carnival's most engaging and successful events leaving a lasting impres-

sion on participants and spectators alike.

An Ambitious Beginning: The Vision of GUCC VGS

Led by Faysal Hossain Tomal, Chair of the GUCC Virtual Gaming Society, and supervised by Mr. Md. Monirul Islam, the moderator, with Montaser Abdul Quader & Ms. Jarin Tasnim Tonvi serving as the deputy moderator the gaming event was a significant milestone for the newly formed club. With 16 VGS panel members working as volunteers, alongside 16 external volunteers, the event's smooth execution showcased the club's organizational skills and its dedication to building a strong gaming community within the university. This effort marked a pivotal moment for GUCC VGS, reinforcing its importance and potential to foster a new era of gaming culture within the CSE department and the university at large.



Figure 5.16: Faculty members and students are enjoying a heart throbbing game in Gaming Battle 2024 of CSE Carnival 2024.

From the beginning, the CSE Gaming Battle 2024 was a hot topic of discussion among both students and faculty members. As one of the most popular events during the carnival, the gaming tournament attracted widespread attention and participation, showing the growing interest in competitive gaming in academic environments. For GUCC VGS, this event was an opportunity to prove their worth, and they seized it wholeheartedly.

The Games: A Diverse Lineup

The competition featured nine games, encompassing both digital and traditional forms of entertainment. The list included:

1. Efootball (Mobile)
2. Call of Duty Mobile
3. EA FC 2024
4. Need for Speed Most Wanted (NFS MW)
5. Chess
6. Carrom
7. Table Tennis
8. Bucketball

9. Ludo

A unique aspect of the event was that Ludo and Carrom had separate match arrangements for students and faculty, while the other games saw both groups playing together. This mix of modern e-sports and classic, offline games ensured there was something for everyone, making the event more inclusive and appealing to a broader audience. From the fast-paced action in Call of Duty Mobile to the thoughtful strategy in Chess, the diverse lineup of games contributed to the event's widespread appeal.

Structure and Schedule

The event was carefully planned for three days. Preliminary matches took place on October 1 and 2, running from 9:30 AM to 4:00 PM on the first day and from 11:30 AM to 3:00 PM on the second. Quarter-finals and semi-finals were also held on the second day, while all the final matches were scheduled for October 3, between 11:30 AM and 1:30 PM. The structured timeline ensured that each game received ample time and attention, allowing participants to perform at their best.

The Participants: A Showcase of Talent

Participation was limited to students and faculty from the CSE department, but that did not hinder the excitement or competitiveness of the tournament. In total, 444 participants signed up, demonstrating the CSE department's enthusiasm for gaming. The event saw intense competition across all games, with both individual players and teams vying for the top spots in their respective categories.

Even though this was GUCC VGS's first-ever event, the smooth management of such a large pool of participants highlighted the club's ability to handle large-scale events with ease. The strategic division of tasks by Faysal Hossain Tomal ensured that everything—from registration to game scheduling—was executed flawlessly.



Figure 5.17: Participation of faculty members of CSE department in indoor games.

Memorable Moments and Victories

Several key moments stood out during the three days of the CSE Gaming Battle 2024, with fierce competition across all games. The eFootball final saw K.M. Khalidul Hasan securing the top spot, with Maruf Khan taking second place. In EA FC 2024, K.M. Monoarul Islam clinched first place, while

Shovon Mr. K.M. Shadman Wadith finished as the runner-up.

One of the most thrilling events was Call of Duty Mobile (CODM), a highly anticipated game that featured teams of five players each. The first-place team, led by Md. Tajemul Islam, included Uday Chowdhury, Ikram Zihad, Monirul Islam Jibon, and Mehrazz Khandokar. The second-place team was captained by Amitesh Baral, with Hasibur Rahman Hemal, Sajib Hossain Shanto, Al Rezanur Talha, and Ishan Emran rounding out the team. This game was particularly competitive, showcasing skillful teamwork and strategy.

In NFS Most Wanted (NFS MW), the podium spots were taken by Md. Mahdi Hasan (1st), Fahim Al Amin (2nd), Arnob S.M. Masrur Rahman (Siam) (3rd), and Mohammad Ehsan Shahmi Chowdhury (4th). Each race was fast-paced and intense, reflecting the skill of the participants.

The offline games, such as Carrom and Ludo, featured both student and faculty categories. In the student category of Carrom, teams were structured with two players each. The first-place team consisted of Md. Rahul Shaikh and Sabbir Ahmmed, while Md. Raisul Islam and Rifat Hossain took second place. In the faculty category of Carrom, the first-place team included Md. Solaiman Mia and Md. Naimul Pathan, while Md. Jahidul Islam and Abdullah Al Farhad secured second place.

Similarly, Ludo had both student and faculty competitions. In the student Ludo finals, the top four spots were taken by Mehreen Jerin Khan (1st), Sadia Afrin Peu (2nd), Mymuna Hossain (3rd), and Jannatul Nayeema (4th). In the faculty Ludo finals, the team led by Rabea Khatun and Sagufta Sabah came in first, while Md. Mamunur Rahman and Babe Sultana finished second.

The Chess tournament saw Rifat Hasan Shadhin emerge victorious, with Tawhid Hasan finishing as runner-up. The mental focus and strategic play displayed in these matches were remarkable.

Lastly, the Table Tennis event saw Heaven Bawm take first place, while Raihan Rahman Samin claimed second place. In Basketball, Hasina Pervin Munni secured first place, with Babe Sultana taking second.

The inclusion of both modern e-sports and traditional games ensured there was something for everyone, creating an engaging and diverse event that highlighted both teamwork and individual skill. The detailed match structure and the level of competition across all games ensured that the CSE Gaming Battle 2024 was packed with memorable moments.

Audience Engagement and Atmosphere

One of the standout features of the CSE Gaming Battle 2024 was the immense engagement from both students and faculty alike. With a total of 444 participants and even more spectators, the event managed to capture the excitement of the entire university. Students gathered to cheer on their friends and faculty, and the friendly rivalry between participants added an extra layer of enthusiasm to the tournament. The blend of e-sports and traditional games ensured that there was something for everyone, whether they were avid gamers or simply enjoying the atmosphere.

The atmosphere during the finals on October 3 was electric. The matches were held in front of a large audience, with cheers erupting at every thrilling moment. The success of the event in terms of participation and audience engagement demonstrated the growing popularity of gaming as a cultural and social activity within the university, providing GUCC VGS with a platform to build upon in the future.

The Success of GUCC VGS and Future Prospects

For the GUCC Virtual Gaming Society, this event was nothing short of a monumental success. As their first-ever organized event, the CSE Gaming Battle not only attracted a large number of participants but also received praise for its smooth execution and vibrant energy. The coordination between

the 16 VGS panel members, the 16 outside volunteers, and the guidance of the club's leadership under Faysal Hossain Tomal showed that the club is well-equipped to handle large-scale events with professionalism and efficiency.

Montaser Abdul Quader, who supervised the event, played a crucial role in ensuring everything ran smoothly, while Tomal's meticulous planning allowed each member of the GUCC VGS team to contribute meaningfully to the event's success. The students involved in organizing and participating in the event expressed immense pride in the outcome, noting how it had brought the GUCC VGS community closer and fostered a sense of accomplishment and unity.



Figure 5.18: Some of the winners of Gaming Battle 2024.

Looking to the future, this success opens up endless possibilities for GUCC VGS. The club now has the experience and confidence to organize even larger and more complex gaming events in the coming years. With the enthusiastic response from both participants and spectators, GUCC VGS is poised to become a central part of the university's extracurricular scene. The blend of traditional and e-sports games also sets the stage for expanding the variety of events they can host, potentially drawing in students from other departments and faculties in future editions.

The CSE Gaming Battle 2024 also highlighted the increasing relevance of gaming in modern student life. As competitive gaming and e-sports continue to grow globally, universities like Green University of Bangladesh are recognizing the importance of supporting student-led initiatives like VGS, which not only provide a platform for students to showcase their talents but also help foster teamwork, strategic thinking, and community building.

A Few Last Words

The CSE Gaming Battle 2024 was a resounding success, and its impact will be felt for a long time to come. The GUCC Virtual Gaming Society, in its very first event, managed to create an exciting, inclusive, and highly engaging experience for everyone involved. From the wide variety of games to the expertly organized tournament schedule, the event ran seamlessly, showcasing the organizational prowess and potential of the GUCC VGS team.

This gaming event wasn't just about competition—it was about creating a sense of community, celebrating the talents of students and faculty, and opening the door for even greater opportunities in the future. With such a successful start, the future of the GUCC Virtual Gaming Society looks

incredibly bright, and the club can take pride in the fact that they've laid a solid foundation for even more ambitious projects to come.

The success of CSE Gaming Battle 2024 marks the beginning of what promises to be a thriving gaming culture within the Green University of Bangladesh, driven by the passion and hard work of GUCC VGS and its members.

5.6.6. CSE Carnival - Final Matches of the CSE Gaming Battle

The CSE Gaming Battle, one of the most anticipated events of the CSE Carnival 2024 is organized by Green University Computer Club (GUCC), with support from IEEE Student Branch GUB (IEEE SB GUB), IEEE Computer Society Student Branch Chapter GUB (IEEE CS SBC GUB), BASIS Student Forum GUB Chapter (BSF GUB), and GUCC Virtual Gaming Society (GUCC VGS).

The CSE Gaming Battle featured 9 thrilling games, with the preliminary rounds successfully completed on the 30th of September, 1st, and 2nd of October.

Event Details:

- Date: 3rd October 2024 (Thursday)
- Time: 9:00 AM – 1:30 PM
- Venue: Multipurpose Hall Room, A-409, L-104
- Event Title: CSE Gaming Battle

5.6.7. CSE Carnival - Tech Based Debate

Introduction

We are delighted to announce the successful conclusion of the event “Technical-Based Debate Competition”, recently held at Green University of Bangladesh (GUB) as a key event of the GUB CSE Carnival 2024 organized by the Green University Computer Club (GUCC), and co-organized by the IEEE Student Branch GUB, IEEE Computer Society Student Branch Chapter GUB and the BASIS Student Forum GUB Chapter. This event provided a platform for 12 highly talented teams to engage in insightful debates on a variety of technical topics, showcasing their analytical and oratory skills.



Figure 5.19: Contestants of Tech Based Debate and the faculty members of CSE department along with Dean of FSE.

Event Highlight

- Preliminary Selection Round:
The Preliminary Selection Round was conducted on October 1, 2024, from 11:00 AM to 3:30 PM, across six distinct venues within the GUB campus. We were honored to have six esteemed judges from external renowned institutions, who provided impartial and valuable assessments of the participants.
- Semi-Final Round:
The Semifinal Round followed on October 3, 2024, from 10:00 AM to 1:00 PM, with Mr. Saurav Chandra Das, Lecturer (CSE) and Mr. Md Mubashwir Moshwan, Lecturer (Textile Engineering) serving as judges.
- Final Round:
The Final Round took place on October 3, 2024, from 2:00 PM to 4:00 PM, with Mr. Saurav Chandra Das, Lecturer (CSE) and Mr. Humayan Kabir Rana, Senior Lecturer (CSE) presiding as judges. Both rounds were held in Multipurpose Hall-1, where the teams demonstrated exceptional critical thinking and technical acumen.
- Prize-Giving Ceremony:
The event culminated in a Prize-Giving Ceremony, where winners and Runner-ups were honored with crests on October 3, 2024. Winner's trophy was awarded on October 4, 2024 at the Prize-Giving Ceremony of CSE Carnival 2024.
- Closing and Photo Session:
The event concluded with closing remarks from the judges, followed by a group photo session to capture and celebrate the joyful moments with all the winners, volunteers, and participants.



Figure 5.20: Award giving event of Tech Based Debate Contest.

Event Details

- Date: 03-10-2024
- Time: 2:00 – 4:15
- Venue: Multipurpose Hall-1
- Platform: Offline
- Hosted by: Department of Computer science and Engineering
- Organized by: Green University Computer Club(GUCC)

- Co Organized by: IEEE Computer Society Student Branch Chapter GUB, IEEE Student Branch GUB, BASIS Student Forum GUB Chapter
- Attendance: Approximately 30-40 Students
- Chief Guests: Prof. Dr. Md. Saiful Azad (Professor & Dean, FSE) and Prof. Dr. Md. Ahsan Habib Tareq (Prof. and Director, CCE)

Conclusion

The event's success is a testament to the collaborative efforts of the judges, participants, and organizing committee. We extend our deepest gratitude to all who contributed, particularly to our distinguished guests, whose support was invaluable in making this competition a notable success.

5.6.8. CSE Carnival - The IT Olympiad

The Department of Computer Science and Engineering, Green University of Bangladesh, successfully organized IT Olympiad as part of the CSE Carnival 2024 organized by the Green University Computer Club (GUCC), and co-organized by the IEEE Student Branch GUB, IEEE Computer Society Student Branch Chapter GUB.

This event was organized to test the students' technical knowledge in the IT field, their capacity to solve mathematical problems, and their awareness of what is happening in the IT world.



Figure 5.21: Award giving event of Tech Based Debate Contest.

Event Summary:

1. Preliminary Selection:
A preliminary round was held to select the students for the final Kahoot round. It was arranged for September 30, 2024, at 1:30 pm in room A-302. 72 students registered, 32 among them participated and 20 of them were selected for the final Kahoot round.
2. Kahoot Round:
The final Kahoot round was held on October 4, 2024, from 10:00 am to 11:00 am in room A-302. There was an exciting atmosphere among the participating students. It was an intense session where the participants were able to put their knowledge and problem-solving capabilities to the test.
3. Closing and Photo Session:
The event concluded with a group photo to capture and celebrate the joyful moments with all the winners, volunteers, and participant

4. Prize Giving Ceremony:

The event culminated in a Prize-Giving Ceremony, where winners were honored with prize money and certificates.

Event Details at a Glance:

- Event Title: IT Olympiad
- Date: October 4, 2024
- Time: 10:00 AM – 11:00 AM
- Venue: Room A-302



Figure 5.22: Award giving event of Tech Based Debate Contest.

5.6.9. CSE Carnival - Panel Discussion on ‘How Industry-Academia Collaboration Could Benefit CSE Graduates in 2024’

As part of the GUB CSE Carnival 2024, a Panel Discussion event was successfully held on October 4, 2024, under the theme “How Industry-Academia Collaboration Could Benefit CSE Graduates in 2024”. The session was chaired by Professor Dr. Md. Ahsan Habib (Tareq), Professor of the Department of CSE at Green University of Bangladesh, who posed insightful questions to the panelists and sought their opinions on strengthening the relationship between academia and industry for the benefit of CSE graduates.

- Professor Dr. Md. Abdur Razzaque, Chairman of the Department of CSE at the University of Dhaka, highlighted the urgent need for a government-mandated ICT cadre that could be led by computer science graduates. He also emphasized the importance of inspiring students to engage in research, noting that IT professionals should play an active role not only in service providing but also in research and development. He advocated for the modernization of university labs and the establishment of dedicated R&D departments in every university to ensure students can apply their knowledge in real research.
- Azmat Iqbal, Director of REVE Group, stressed the importance of mastering the fundamentals of programming for CSE students. He remarked, “Programming is the foundation for future success for CSE graduates. But beyond advanced programming, a strong grasp of the basics is equally critical.” He urged students to solidify their foundational skills and demonstrate their competence so that companies recognize their value. He also advised students to involve themselves in real-world projects and industry exposure for better professional preparedness.

- Sajib Sikder, Senior Software Engineer at Shikho, pointed out that students need to be well-prepared for interviews and industry-related challenges. He recommended that students enhance their technical skills during their university years to be ready for the ever-evolving technological landscape.
- Md. Rezwon Hossain, Founder of Mount Stack, underscored the importance of programming skills and participation in various projects. He advised students who aspire to become entrepreneurs to start networking with established entrepreneurs and seek their mentorship during their studies.
- Professor Dr. Md. Golam Samdani Fakir, Distinguished Professor and former Vice-Chancellor at Green University of Bangladesh, discussed how foreign universities excel in imparting practical, job-oriented education. He noted that students in foreign institutions are trained in both theoretical knowledge and practical, career-relevant skills. He stressed the need for local students to gain real-world experience by collaborating closely with industry professionals.
- Professor Dr. Md. Sharif Uddin, Vice Chancellor at Green University of Bangladesh, emphasized not only the need for technical skill development but also the importance of establishing stronger connections between academia and industry. Drawing examples from Japan and South Korea, he explained how these countries invest heavily in education, which in turn drives their research and innovation. He also pointed out the need for more competitive programming opportunities and industry internships for students to gain practical experience.



Figure 5.23: Session Chair, Professor Dr. Md. Ahsan Habib is delivering his speech.

Towards the end of the discussion, Professor Dr. Md. Abdur Razzaq and Professor Dr. Md. Golam Samdani Fakir made an important proposal, urging that a portion of every private organization's Corporate Social Responsibility (CSR) funds should be allocated to research and development (R&D). They emphasized that this is a national necessity, and the government should take immediate action to ensure domestic investment in research, which would provide more opportunities for students and contribute to the country's overall technological advancement.

The session concluded with an interactive Q&A segment where students posed questions to the panelists, delving deeper into their perspectives. This panel discussion was one of the standout events of the GUB CSE Carnival 2024, offering students invaluable guidance for their future careers.

5.6.10. CSE Carnival - The Technical Talk: “Revolution of Robotics Technology and Artificial Intelligence”

The Department of Computer Science and Engineering, Green University of Bangladesh, successfully organized a Technical Talk on “Revolution of Robotics Technology and Artificial Intelligence.” This event was part of the CSE Carnival 2024, a flagship program celebrating innovation and technology, organized by the Green University Computer Club (GUCC) and co-organized by the IEEE Student Branch GUB (IEEE SB GUB), IEEE Computer Society Student Branch Chapter GUB (IEEE CS SBC GUB), and the BASIS Student Forum.



Figure 5.24: A handsome participation of faculty members and students on Technical Talk: “Revolution of Robotics Technology and Artificial Intelligence”

The keynote speaker of this event was Prof. Dr. Saifuddin Md. Tareeq, Director of the Robotics Lab, Dept. of CSE, University of Dhaka. The event took place on October 4, 2024 (Friday), from 11:30 AM to 12:45 PM at Room A-302 on our university campus.

The program began with a warm welcome speech by Md. Solaiman Mia, Assistant Professor, Department of CSE, GUB. During his introduction, he proudly mentioned that Prof. Dr. Saifuddin Md. Tareeq is his PhD supervisor, adding a personal touch to the event and highlighting the significance of his mentor’s contributions to both his academic journey and the field of robotics. He introduced the keynote speaker and honored guests, setting the tone for an insightful and engaging session.

Following the welcome, Prof. Dr. Saifuddin Md. Tareeq delivered a keynote address on the “Revolution of Robotics Technology and Artificial Intelligence.” He discussed the latest innovations in robotics and AI and their transformative potential across various industries. His talk emphasized the importance of interdisciplinary research and the role these technologies will play in addressing global challenges. His presentation inspired the audience to think deeply about the future of robotics and AI.

The session was chaired by Dr. Muhammad Aminur Rahaman, Chairperson of the Department of CSE, GUB, who also mentioned that Prof. Dr. Saifuddin Md. Tareeq was his former teacher, further underscoring the significance of his involvement in the event. He concluded his speech by thanking all participants and organizers for their contributions, commending the successful execution of the event.

Students gained extensive knowledge related to robotics and AI from this event, and they had the opportunity to ask questions to the keynote speaker, fostering an interactive and enriching learning

experience.

The event was skillfully anchored by our beloved students, Md. Fazle Rabbi Riyad and Umme Salma Nur Tamanna, who played a crucial role in making the event engaging and enjoyable.



Figure 5.25: A token of appreciation is delivered to Prof. Dr. Saifuddin Md. Tareeq by the chairperson of CSE department, Dr. Muhammad Aminur Rahaman.

5.6.11. CSE Carnival - Path to Develop a Proficient Technological Career

We are thrilled to announce the successful completion of the highly anticipated seminar titled “Path to Develop a Proficient Technological Career”, held as part of the GUB CSE Carnival 2024. The event took place on Thursday, 3rd October 2024 from 2:00 PM to 3:50 PM in A-409 (Syndicate Room), Green University of Bangladesh. Organized by the Green University Computer Club (GUCC), and co-organized by the IEEE Student Branch GUB, IEEE Computer Society Student Branch Chapter GUB, and BASIS Students Forum GUB Chapter, the seminar attracted a vibrant audience of aspiring software developers, IT professionals, and students aiming to build successful careers in technology.

The seminar featured distinguished industry experts, including Kazi Safaet Mahmud Auvi, General Manager, Product & Technology at bKash Limited, Md. Faisal Hossain, Chief Technology Officer (CTO), Bangladesh Finance Ltd., and Zeseya Sharmin, PhD Researcher and DUPR Scholar at Deakin University, Australia. These remarkable speakers shared invaluable insights on navigating the software industry, leadership, and the future of technology. Their profound knowledge and expertise not only provided the audience with a clear roadmap for career success but also ignited discussions on emerging trends and opportunities in the tech landscape.

We were also honored by the presence of Dr. Muhammad Aminur Rahaman, Chairperson, Department of CSE, GUB, who served as the Session Chair, ensuring a well-organized and impactful event.

Throughout the session, participants were deeply engaged in learning about practical strategies to excel in the world of software development, including career advice from top professionals in the field and how to become leaders in the tech industry. The interactive nature of the seminar, coupled with the real-world experiences shared by the speakers, left a lasting impression on all attendees.



Figure 5.26: Group Photo with Participants and Guests of the seminar - “Path to Develop a Proficient Technological Career”.

The event concluded with a heartfelt Vote of Thanks from the Chairperson of the seminar, Dr. Muhammad Aminur Rahaman, who extended his appreciation to the speakers, special guests, organizers, and participants. Special recognition was given to the Green University Computer Club (GUCC) for their seamless coordination and to our co-organizers, the IEEE Student Branch GUB, IEEE Computer Society Student Branch Chapter GUB, and BASIS Students Forum GUB Chapter, for their invaluable contributions in making this seminar a resounding success.



Figure 5.27: Guest Speakers and Organizing Committee of the seminar.

We sincerely thank all those who participated and supported this event, contributing to its overwhelming success. We look forward to organizing more such enriching events in the future to continue fostering the development of young technologists and innovators.

5.6.12. CSE Carnival - Prize Giving Ceremony and Cultural Event

Event Details at a Glance

- Date: 04 October 2024
- Time: 03:30 PM (Prize Giving) & 04:20 PM (Cultural Event) & 05:20 PM (Local Band) & 08:00 PM (Concert)
- Venue: Multipurpose Hall, GUB Campus

Prize Giving:

The Chief Guest of the ceremony was Prof. Dr. Mohammad Shorif Uddin, Vice Chancellor of Green University of Bangladesh. Joining him as a Special Guest was Captain (Navy) SM Salahuddin NGP, PSC (LPR), Registrar of Green University of Bangladesh. Prof. Dr. Md. Abdur Razzaque, Chairman of the Department of CSE at the University of Dhaka, graced the occasion as the Guest of Honor, while Dr. Muhammad Aminur Rahman, Associate Professor and Chairperson of the Department of CSE at Green University of Bangladesh, served as the Session Chair.

The ceremony commenced promptly after the lunch break and Zuhar Salah, marking the final highlights of the carnival. In his speech, Prof. Dr. Mohammad Shorif Uddin, Vice Chancellor of GUB, expressed his admiration for the event, stating, “I have never seen a carnival celebrated in such a remarkable way as we have shown here.” He pledged his continued support for future events like this and emphasized that the CSE Department remains his favorite within the university.

Captain (Navy) SM Salahuddin NGP, PSC (LPR), Registrar of Green University of Bangladesh, explained the significance of protection and security measures in organizing such events. He praised the efforts of the volunteers for their dedication and hard work, and shared insights into the importance of various segments of the GUB CSE Carnival, highlighting their contribution to the overall success of the event.

Prof. Dr. Md. Abdur Razzaque, Chairman of the Department of CSE at the University of Dhaka praised the remarkable efforts of the CSE Department at GUB for organizing the GUB CSE Carnival 2024. He highlighted the importance of such events in bridging academic knowledge with practical application, fostering innovation and teamwork among students.



Figure 5.28: Honoring Distinguished Guests at the Prize Giving Ceremony and Cultural Event of GUB CSE Carnival 2024.

Dr. Muhammad Aminur Rahman, Associate Professor and Chairperson of the CSE Department at GUB, thanked the organizers and promised that more such events will follow. He also expressed his gratitude to Prof. Dr. Md. Abdur Razzaque for his contributions in elevating the Department of CSE at GUB to its current stature. Dr. Rahman emphasized the collective effort behind the success of the carnival, noting the significant contributions from faculty, students, and staff. He extended special thanks to Monirul Islam Sir, Palash Roy Sir and Mohammad Ehsan Shahmi Chowdhury Sir for their exceptional dedication to the event's success.

Following the speeches, the crests were presented to our esteemed guests, keynote speaker and organizer as a token of appreciation from the Department of CSE at Green University of Bangladesh. The recipients included Prof. Dr. Mohammad Shorif Uddin, Vice Chancellor of GUB; Captain (Navy) SM Salahuddin NGP, PSC (LPR), Registrar of GUB; Prof. Dr. Md. Abdur Razzaque, Chairman of the Department of CSE at the University of Dhaka, Dr. Muhammad Aminur Rahman, Associate Professor and Chairperson of the Department of CSE of GUB and Monirul Islam, Associate Professor of the Department of CSE and Moderator of the Green University Computer Club.

The ceremony continued with the distribution of prizes and certificates, recognizing the exceptional achievements of both students and faculty of the IDPC Champions, Idea Showcasing Innovators, Talent Hunt Stars, IT Olympiad Geniuses, and the CSE Gaming Battle winner. Additionally, prizes of the Raffle Draw were awarded to the lucky winners.

Below are the details of the event winners:

The Idea Showcasing Contest recognized both junior and senior level students for their creativity and innovation. In the Junior Level:

- 1st Place: Sadikul Islam Adil (ID: 222902003)
Title of the Idea: "আজকের মূল্য"
- 2nd Place: Fahim Mahmud (ID: 221002070)
Title of the Idea: "Microhydropower: Harnessing Water for Sustainable Energy"
- 3rd Place: Rifat Hossain Abrar (ID: 221002385)
Title of the Idea: "SDG Zero Hunger"



Figure 5.29: Prize money and certificates are awarded to the winners by the invited honorable guests.

In the Senior Level:

- 1st Place: Himel Saha (ID: 201002111)
Title of the Idea: “ASFL: An Adaptive SplitFed Learning Framework for Industrial Internet of Things”
- 2nd Place: A.K.M. Atiqur Rahman (ID: 202002035)
Title of the Idea: “Age of Information and Energy Aware Multi-UAV Assisted Efficient Data Collection in Sensor Networks”
- 3rd Place: Ibrahim Tanvir (ID: 211902055)
Title of the Idea: “Energy and Latency-Aware for Computationally Intensive Task Allocation in Aerial Edge Computing”

The Talent Hunt contest featured winners in various categories, including Public Speaking:

- 1st Place: Rifat Hossain Abrar (ID: 221002385)
- 2nd Place: Tanveer Ahmed Ziad (ID: 231902048)
- 3rd Place: Durjoy Saha Dipta (ID: 221902200)

Logo Design winners were:

- 1st Place: Md. Montasir Rahman (ID: 202002003)
- 2nd Place: Md. Yousuf Sayem (ID: 222015036)
- 3rd Place: Jubayar Alam (ID: 242002155)

In Arts & Crafts (Crafts):

- 1st Place: Nusrat Jahan Borsha (ID: 222902074)
- 2nd Place: Shahnoor Benta Kamal (ID: 223902005)

In Arts & Crafts (Painting):

- 1st Place: Monalisa Bargman (ID: 221902098)
- 2nd Place: Mymuna Akter Shifa
- 3rd Place: Shahnoor Benta Kamal (ID: 223902005)

In Arts & Crafts (Calligraphy):

- 1st Place: Monalisa Bargman (ID: 221902098)
- 2nd Place: MD Nafis Hasan Toha (ID: 223902009) item 3rd Place: Tasmia Noor Toma (ID: 223902001)



Figure 5.30: A heart warming joyful moment of Prize Giving Ceremony and Cultural Event at CSE Carnival 2024.

Cinematography winners:

- 1st Place: Tonmoy Kanti Das (ID: 232002181)
- 2nd Place: Shifa Sarkar (ID: 222902082)
- 3rd Place: Niti Bhuiyan (ID: 222902015)

Photography winners:

- 1st Place: Md Naeem Hossen (ID: 221902107)
- 2nd Place: Md. Shoayeb Hossain (ID: 222002105)
- 3rd Place: S M Naymuzzaman Nahid (ID: 221002573)

The Cricket Tournament crowned Mystic Eleven as the Champion Team, led by captain Anik Biswas (ID: 221002195), while 404 ERROR was the Runners-Up team.

The IDPC recognized the Theoretical champions:

- Champion: Md Suaeb Ahmed (ID: 221902175), Mohabbat Marjuk Muttaki (ID: 231902001), Samim Reza (ID: 221902245)
- 1st Runner-Up: GreenU_Frogs: Mahfuz Bin Minhaz (ID: 232002001), Ismatul Islam Pranto (ID: 221902232), Md. Hosain Rohman Noyon (ID: 221902370)
- 2nd Runner-Up: Afsos_League: Md. Zahid Hasan Mozumder (ID: 203002053), Noman Chowdhury Munna (ID: 201002175), Nazmus Sakib (ID: 203002020)

In the Gaming Battle, Ludo and Table Tennis contests saw winners like Mehreen Jerin Khan (ID: 222902019) and Heaven Bawm (ID: 221902015), while NFS MW was dominated by MD Mahdi Hasan Fahim (ID: 242002098).

Finally, in the IT Olympiad, the top performers included:

- 1st Place: Md. Shakhawat Osman Shoial (ID: 222002103)
- 2nd Place: Jahidul Islam (ID: 221002504)
- 3rd Place: Rony Hasan (ID: 221902096)
- 4th Place: Md. Fahim Sarker Mridul (ID: 221902369)
- 5th Place: Al Imran Emon (ID: 232002136)

Cultural Event:

The closing ceremony of the GUB CSE Carnival 2024 was an exciting showcase of the cultural talents of students from the Department of Computer Science and Engineering (CSE). The event opened with a stirring recitation by Salah Uddin, who delivered Kazi Nazrul Islam's iconic poem "Bidrohi" (বিদ্রোহী কবিতা) with great passion. This was followed by a group of CSE students singing the emotional piece "Muktiro Mandiro Sopanatale" (মুক্তির মন্দির সোপান তলে). Shetu and Emon then performed the nostalgic classic "Purano Shei Diner Kotha," (পুরানো সেই দিনের কথা) captivating the audience with their harmonious duet. Sabbir took the stage next with a heartfelt rendition of "Firiye Dao, Maims," adding depth to the lineup. Bithi and Dola followed with mesmerizing solo dance performances, Bithi presenting "Bola Natka" and Dola delivering a fusion of "Silsila X Dola Re." The energy picked up with a humorous cosplay performance, where students mimicked recent viral memes, bringing laughter to the crowd. The event also featured couple dances, highlighted by Israt and Sabbir's "Tumi Chuye Dile E-Mon" (ছুয়ে দিলে মন) and Mahin and Monalisa's "Dil Dooba Remix," adding an extra touch of charm. The grand finale was a group dance, with boys performing "Desi Boyz" and girls dazzling the audience with "Param Sundari," before all dancers came together as "Dreamers" to end the night on a high note.

Local Band:

The GUB CSE Carnival 2024 kicked off at 5:20 PM with a lively performance by the musical band, leading to an exhilarating evening filled with fun and memorable acts. The event brought students from

different batches and departments together to showcase their musical talents and celebrate the spirit of the CSE department.

After a delightful cultural segment that featured music and dance, the main event began. The first performer of the night was Sabbir from the 221 batch. He started the event with a solo performance of the popular song “Phiriye Daw.” His beautiful voice quickly caught the attention of the audience and set a great mood for the rest of the evening. Sabbir’s emotional performance became one of the best moments of the GUB CSE Carnival 2024, leaving a strong impression on everyone there. Next up was Md Parvez Sarker Prottoy and his band from the 221 batch. With Prottoy on vocals, he was joined by Rudra Shaha, Asif Faisal Ishrak, Sabit Ibn Entaz Swapno, and Prodipto Rakshit Joy, representing the BBA, EEE, and Law departments. Their performance was full of energy and fun, making everyone in the crowd get up and dance. The band’s lively music brought excitement to the night, lighting up the stage and creating a memorable atmosphere.

Finally, “Arcane” from the 231 batch took the stage, putting on an exciting performance that increased the energy even more. Led by Sheetal Rahman and Fardin Khan, the band amazed the audience with their strong presence and lively sound. Their high-energy show had the crowd buzzing with excitement, wrapping up the event in a thrilling and memorable way.

6

Conducted/ Presented/ Attended in the conference/seminar/workshop and others

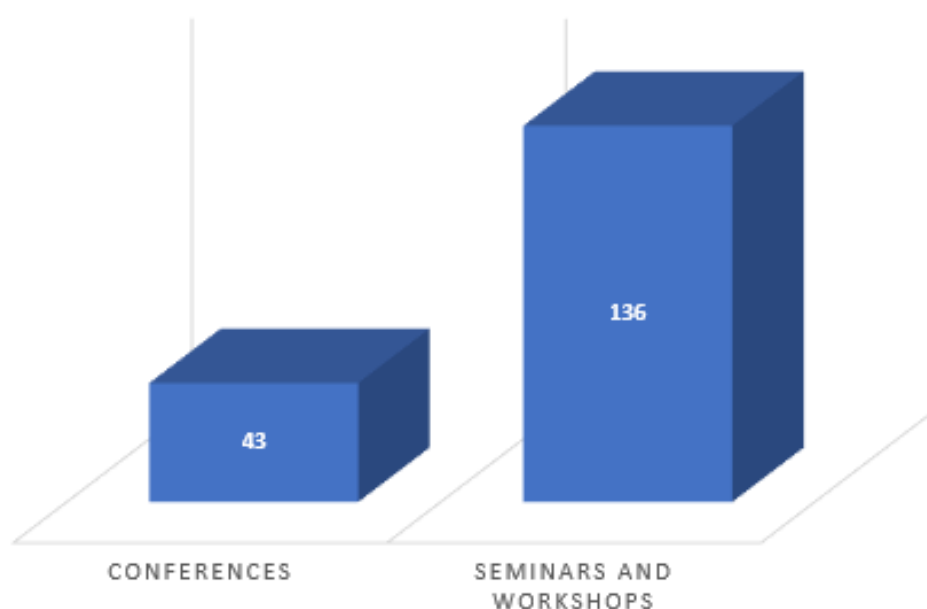


Figure 6.1: Summary of seminar, workshop, and conference of 2024

- Prof. Dr. Md. Ahsan Habib, attended a seminar on “Generative AI: A Gateway to A Thriving Career”, organized by IEEE CS SBC GUB and IEEE SB GUB; February 26, 2024
- Prof. Dr. Md. Ahsan Habib, attended a seminar on “The Bebras Challenge Allows all Students to Learn Computational Thinking in a Joyful Way”, Organized by GUCC; March 19, 2024
- Prof. Dr. Md. Ahsan Habib, attended a seminar on “Technologies in the 4th Industrial Revolution: Prospects and Challenges for Industry”, organized by Bangladesh Computer Society Tangail Chapter, 18 May 2024
- Prof. Dr. Md. Ahsan Habib, attended a seminar on “Challenges and prospects of using ChatGPT and other generative AI Tools in Academia”, 20 May 2024
- Prof. Dr. Md. Ahsan Habib, attended a seminar on “Robot Operating System”, Organized by Green Robotics Society in association with IEEE GUB SB, IEEE CS GUB SBC, and IEEE PES GUB; May 20, 2024

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- Prof. Dr. Md. Ahsan Habib, attended a seminar on “Roadmap to Career in Software Quality Assurance”, Organized by GUCC; May 23, 2024
 - Prof. Dr. Md. Ahsan Habib, attended a seminar on “Career Talk from the Other Side of the Table”, Organized by Dept. of CSE, GUB, in association with Basis Students Forum, GUB Chapter, IEEE CS SBC GUB, and IEEE SB GUB; May 24, 2024
 - Prof. Dr. Md. Ahsan Habib, attended a seminar on Computing Algorithms by Prof. M. Kaykobad, 28 May 2024
 - Prof. Dr. Md. Ahsan Habib, attended a seminar on IEEE Xplore User Awareness: Strategies to optimize research, organized by GUB Library, 29 May 2024
 - Prof. Dr. Md. Ahsan Habib, attended a seminar on ”Advances Techniques in Paper Writing & Critical Review”, organized by IEEE CS BCD, 5 July 2024
 - Prof. Dr. Md. Ahsan Habib, attended a seminar on ”Arts of Review: Mastering Paper Reviews & Response for Researchers”, organized by IEEE CS BCD, 7 July 2024
 - Prof. Dr. Md. Ahsan Habib, attended a seminar on “Securing the Internet: Importance of DNSSEC and Other Techniques”, GUB CSE Carnival 2024; October 2, 2024
 - Prof. Dr. Md. Ahsan Habib, attended a seminar on “Path to Develop a Proficient Technological Career”, GUB CSE Carnival 2024; October 3, 2024
 - Prof. Dr. Md. Ahsan Habib, attended a seminar on “Revolution of Robotics Technology and Artificial Intelligence”, GUB CSE Carnival 2024; October 4, 2024
 - Prof. Dr. Md. Ahsan Habib, attended a seminar on Panel Discussion on How Industry Academia Collaboration Could Benefit CSE Graduates in 2024, 4 Oct 2024
 - Prof. Dr. Md. Ahsan Habib, attended a seminar on “Preparation for BAC Accreditation: Documentation and Evidence”, Organized by GUB IQAC, 14 Nov 2024
 - Prof. Dr. Md. Ahsan Habib, attended a seminar on “Introduction to Kaggle: A Beginner’s Guide for Aspiring Data Science & Machine Learning Enthusiasts”, Organized by IEEE SB GUB and IEEE CS SBC GUB in association with IEEE CS BC; November 15, 2024
 - Prof. Dr. Md. Ahsan Habib, attended a seminar on “Training on Kaizen and 5S emphasis on Japanese Quality”, at the JT International factory in Tongi, 16 Nov 2024
 - Prof. Dr. Md. Ahsan Habib, attended a workshop on “Cyber Security and Cloud Systems”, organized by IEEE CSBDC and BWIT, 15 Dec 2024
 - Prof. Dr. Md. Ahsan Habib, attended a workshop on “2-Day long training on Outcome Based Education of BAETE”, 3-4 February, 2024
 - Prof. Dr. Md. Ahsan Habib, attended a workshop on “Challenges and prospects of using ChatGPT and other generative AI Tools in Academia”, 20 May 2024
 - Prof. Dr. Md. Ahsan Habib, attended a workshop on “Times Higher Education Impact Ranking”, Organized by IQAC, GUB; August 8, 2024
 - Prof. Dr. Md. Ahsan Habib, attended a workshop on “BAC Accreditation: Faculty Workshop for Capacity Building”, 23rd August 2024, GUB
 - Prof. Dr. Md. Ahsan Habib, attended a workshop on “Monetize Your Apps & Ideas in bdapps - National Appstore”, hosted by bdapps in collaboration with BASIS Students’ Forum GUB Chapter; September 19, 2024
 - Prof. Dr. Md. Ahsan Habib, attended a workshop on “Preparation on Accreditation: Documentation and Evidence”, 14 November, 2024, by BAC
 - Prof. Dr. Md. Ahsan Habib, attended a workshop on “Writing ATF Sub-Project Proposal”, 02 January 2025.
 - Prof. Dr. Md. Ahsan Habib, attended a conference on Computing, Applications and Systems (COMPAS 2024), 25-26 September, 2024 at CUET.
 - Prof. Dr. Md. Ahsan Habib, attended a conference on IEEE CS BDC Symposium 2024, organized by IEEE CSBDC, at JnU, 22-23 Nov 2024
 - Prof. Dr. Md. Ahsan Habib, attended a conference on 3rd ICCA Conference, AIUB, 17-18 Oct 2024
 - Prof. Dr. Md. Ahsan Habib, attended a conference on 4th International Robo Tech Olympiad 2024, at DIU, 19 Oct 2024

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- Prof. Dr. Md. Ahsan Habib, attended a conference on 3rd International Congress on Recent Trends in Computer Science (ICRCS), organized by IEEE CSBDC, 6-7 Dec 2024
 - Prof. Dr. Md. Ahsan Habib, attended a conference on 6th International Conference on Sustainable Technologies for Industry 5.0 (STI) (Accepted). IEEE. 14-15 dec 2024
 - Mr. Syed Ahsanul Kabir, attended a seminar on “Generative AI: A Gateway to A Thriving Career”, February 26, 2024
 - Mr. Syed Ahsanul Kabir, attended a workshop on “2-Day long training on Outcome Based Education of BAETE”, 3-4 February, 2024
 - Dr. Md. Faiz Al Faisal, attended a seminar on “Generative AI: A Gateway to A Thriving Career”, February 26, 2024
 - Dr. Md. Faiz Al Faisal, attended a workshop on “2-Day long training on Outcome Based Education of BAETE”, 3-4 February, 2024
 - Dr. Md. Faiz Al Faisal, attended a workshop on “Times Higher Education Impact Ranking by the IQAC”
 - Ms. Shamima Akter, attended a seminar on “Generative AI: A Gateway to A Thriving Career”, Organized by IEEE CS SBC GUB and IEEE SB GUB, February 26, 2024
 - Ms. Shamima Akter, attended a seminar on “The Bebras Challenge Allows all Students to Learn Computational Thinking in a Joyful Way”, Organized by GUCC, March 19, 2024
 - Ms. Shamima Akter, attended a seminar on “Career Talk from the Other Side of the Table”, Organized by Dept. of CSE, GUB, In association with Basis Students Forum, GUB Chapter, IEEE CS SBC GUB and IEEE SB GUB, May 24, 2024
 - Ms. Shamima Akter, attended a seminar on “Road Map to a Successful Final Year Thesis/Project”, Organized by the Dept. of CSE, GUB, IEEE CS SBC GUB, IEEE SB GUB, and Supported by GUCC, BASIS Students’ Forum GUB Chapter, September 22, 2024
 - Ms. Shamima Akter, attended a seminar on “Higher Education Opportunities Abroad for Bangladeshi Students”, Organized by GCiA, September 27, 2024
 - Ms. Shamima Akter, attended a seminar on “Securing the Internet: Importance of DNSSEC and Other Techniques”, GUB CSE Carnival 2024; October 2, 2024
 - Ms. Shamima Akter, attended a seminar on “Path to Develop a Proficient Technological Career”, GUB CSE Carnival 2024; October 3, 2024
 - Ms. Shamima Akter, attended a seminar on “Revolution of Robotics Technology and Artificial Intelligence”, GUB CSE Carnival 2024, October 4, 2024
 - Ms. Shamima Akter, attended a seminar on “Introduction to Kaggle: A Beginner’s Guide for Aspiring Data Science & Machine Learning Enthusiasts”, Organized by IEEE SB GUB and IEEE CS SBC GUB in association with IEEE CS BC, November 15, 2024
 - Ms. Shamima Akter, attended a seminar on “Reduced Inequalities: Raising Awareness against Discrimination”, Organized by IQAC, GUB, December 24, 2024
 - Ms. Shamima Akter, attended a workshop on “Robi bdapps in Collaboration with BASIS Students’ Forum GUB Chapter; March 11, 2024
 - Ms. Shamima Akter, attended a workshop on “Monetize Your Apps & Ideas in bdapps - National Appstore”, hosted by bdapps in collaboration with BASIS Students’ Forum GUB Chapter, September 19, 2024
 - Ms. Shamima Akter, attended “2024 Multimedia University Engineering Conference (MECON)”, Cyberjaya, Malaysia, 2024 (online)
 - Ms. Shamima Akter, attended “2024 International Conference on Sustainable Technologies for Industry 5.0”, Organized by Faculty of Science and Engineering, GUB, December 14-15, 2024
 - Md. Solaiman Mia, attended a seminar on “Generative AI: A Gateway to A Thriving Career”, Organized by IEEE CS SBC GUB and IEEE SB GUB; February 26, 2024
 - Md. Solaiman Mia, attended a seminar on “The Bebras Challenge Allows all Students to Learn Computational Thinking in a Joyful Way”, Organized by GUCC; March 19, 2024
 - Md. Solaiman Mia, attended a seminar on “Robot Operating System”, Organized by Green Robotics Society in association with IEEE GUB SB, IEEE CS GUB SBC and IEEE PES GUB; May 20, 2024

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- Md. Solaiman Mia, attended a seminar on “Roadmap to Career in Software Quality Assurance”, Organized by GUCC; May 23, 2024
 - Md. Solaiman Mia, attended a seminar on “Career Talk from the Other Side of the Table”, Organized by Dept. of CSE, GUB, In association with Basis Students Forum, GUB Chapter, IEEE CS SBC GUB and IEEE SB GUB; May 24, 2024
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 - Md. Solaiman Mia, attended a seminar on “Path to Develop a Proficient Technological Career”, GUB CSE Carnival 2024; October 3, 2024
 - Md. Solaiman Mia, attended a seminar on “Revolution of Robotics Technology and Artificial Intelligence”, GUB CSE Carnival 2024; October 4, 2024
 - Md. Solaiman Mia, attended a seminar on “Introduction to Kaggle: A Beginner’s Guide for Aspiring Data Science & Machine Learning Enthusiasts”, Organized by IEEE SB GUB and IEEE CS SBC GUB in association with IEEE CS BC; November 15, 2024
 - Md. Solaiman Mia, attended a seminar on “Reduced Inequalities: Raising Awareness against Discrimination”, Organized by IQAC, GUB; December 24, 2024
 - Md. Solaiman Mia, attended a workshop on “Preparation on Standard Operating Procedure (SOP) for Institutional Effectiveness”, Organized by IQAC, GUB; February 13, 2024
 - Md. Solaiman Mia, attended a workshop on “Strengthening Leadership Skills of Clubs’ Leaders”, Organized by CETL, GUB; March 1-2, 2024
 - Md. Solaiman Mia, attended a workshop on “Robi bdapps in Collaboration with BASIS Students’ Forum GUB Chapter; March 11, 2024
 - Md. Solaiman Mia, attended a workshop on “Course Contents Development: MSc Cyber Security”, Organized by Dept. of CSE, GUB; April 22, 2024
 - Md. Solaiman Mia, attended a workshop on “Times Higher Education Impact Ranking”, Organized by IQAC, GUB; August 8, 2024
 - Md. Solaiman Mia, attended a workshop on “Monetize Your Apps & Ideas in bdapps - National Appstore”, hosted by bdapps in collaboration with BASIS Students’ Forum GUB Chapter; September 19, 2024
 - Md. Solaiman Mia, attended a conference on “2024 International Conference on Advances in Computing, Communication, Electrical and Smart Systems”, Organized by ULAB’s School of Science and Engineering; March 8-9, 2024
 - Md. Solaiman Mia, attended a conference on “2024 International Conference on Sustainable Technologies for Industry 5.0”, Organized by Faculty of Science and Engineering, GUB; December 14-15, 2024
 - Md. Solaiman Mia, attended a conference on “2024 International Conference on Applied Intelligence and Informatics”, In Partnership with Springer; December 18-20, 2024
 - Ms. Shamima Islam, attended a seminar on “Reduced Inequalities: Raising Awareness against Discrimination”, organised by IQAC, GUB, December 24, 2024
 - Ms. Shamima Islam, attended a seminar on “Path to Develop a Proficient Technological Career”, GUB CSE Carnival 2024; October 3, 2024
 - Ms. Shamima Islam, attended a conference on “2024 International Conference on Sustainable Technologies for Industry 5.0”, Organized by Faculty of Science and Engineering, GUB; December 14-15, 2024
 - Mr. Md. Jahidul Islam attended a seminar on “Generative AI: A Gateway to A Thriving Career”, Organized by IEEE CS SBC GUB and IEEE SB GUB; February 26, 2024

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- Mr. Md. Jahidul Islam attended a seminar on “Introduction to Kaggle: A Beginner’s Guide for Aspiring Data Science & Machine Learning Enthusiasts”, Organized by IEEE SB GUB and IEEE CS SBC GUB in association with IEEE CS BC; November 15, 2024
 - Mr. Md. Jahidul Islam attended a seminar on “Reduced Inequalities: Raising Awareness against Discrimination”, Organized by IQAC, GUB; December 24, 2024
 - Mr. Md. Jahidul Islam attended a workshop on “Monetize Your Apps & Ideas in bdapps - National Appstore” hosted by bdapps in collaboration with BASIS Students Forum GUB Chapter, 19 September 2024
 - Mr. Md. Jahidul Islam attended a workshop on “Course Contents Development: MSc Cyber Security”, April 22, 2024
 - Mr. Md. Jahidul Islam attended a workshop on “BAC Accreditation: Faculty Workshop for Capacity Building”, August 23, 2024, JMC, GUB
 - Mr. Md. Jahidul Islam attended a workshop on “Times Higher Education Impact Ranking”, by the IQAC, GUB, August 8, 2024
 - Mr. Md. Jahidul Islam attended a workshop on “CO-PO Mapping and Course pack Submission”, August 9, 2024, by the Department of Law, GUB
 - Mr. Md. Jahidul Islam attended a workshop on “BAC Accreditation Standards and Criteria for Academic Program” by the Department of English, GUB
 - Mr. Md. Jahidul Islam attended a workshop on “Preparation on Accreditation: Documentation and Evidence”, 14 November, 2024, by BAC.
 - Mr. Md. Jahidul Islam attended a conference on “2024 International Conference on Sustainable Technologies for Industry 5.0”, Organized by Faculty of Science and Engineering, GUB; December 14-15, 2024
 - Ms. Sadia Afroze attended a seminar on “Revolution of Robotics Technology and Artificial Intelligence”, GUB CSE Carnival 2024; October 4, 2024
 - Ms. Sadia Afroze attended a seminar on “Path to Develop a Proficient Technological Career”, GUB CSE Carnival 2024; October 3, 2024
 - Ms. Sadia Afroze attended a seminar on “Revolution of Robotics Technology and Artificial Intelligence”, GUB CSE Carnival 2024; October 4, 2024
 - Ms. Sadia Afroze attended a workshop on “Writing ATF Sub-Project Proposal”, 02 January 2025.
 - Ms. Sadia Afroze attended a conference on “2024 International Conference on Sustainable Technologies for Industry 5.0”, Organized by Faculty of Science and Engineering, GUB; December 14-15, 2024
 - Ms. Farhana Akter Sunny, attended a seminar on “Road Map to a Successful Final Year Thesis/Project”, Organized by the Dept. of CSE, GUB, IEEE CS SBC GUB, IEEE SB GUB, and Supported by GUCC, BASIS Students’ Forum GUB Chapter; September 22, 2024
 - Ms. Farhana Akter Sunny, attended a seminar on “Securing the Internet: Importance of DNSSEC and Other Techniques”, GUB CSE Carnival 2024; October 2, 2024
 - Ms. Farhana Akter Sunny, attended a seminar on “Revolution of Robotics Technology and Artificial Intelligence”, GUB CSE Carnival 2024; October 4, 2024
 - Ms. Farhana Akter Sunny, attended a workshop on “Monetize Your Apps & Ideas in bdapps - National Appstore” hosted by bdapps in collaboration with BASIS Students Forum GUB Chapter, 19 September 2024
 - Ms. Farhana Akter Sunny, attended a workshop on “Course Contents Development: MSc Cyber Security”, April 22, 2024
 - Ms. Farhana Akter Sunny, attended a workshop on “BAC Accreditation: Faculty Workshop for Capacity Building”, August 23, 2024, JMC, GUB
 - Ms. Farhana Akter Sunny, attended a workshop on “Writing ATF Sub-Project Proposal”, 02 January 2025.
 - Ms. Farhana Akter Sunny attended a conference on “2024 International Conference on Sustainable Technologies for Industry 5.0”, Organized by Faculty of Science and Engineering, GUB; December 14-15, 2024

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- Mr. Md. Monirul Islam, attended a seminar on “Generative AI: A Gateway to A Thriving Career”, Organized by IEEE CS SBC GUB and IEEE SB GUB; 26 February, 2024
 - Mr. Md. Monirul Islam, attended a seminar on “The Bebras Challenge Allows All Students at School to Learn Computational Thinking in a Joyful Way”, Organized by GUCC, 19 March 2024
 - Mr. Md. Monirul Islam, attended a seminar on “Roadmap to Career in Software Quality Assurance with QA Harbor”, Organized by GUCC, 23 May 2024
 - Mr. Md. Monirul Islam, attended a seminar on “Career Talk from the Other Side of the Table”, Organized by Dept. of CSE, GUB, May 24, 2024
 - Mr. Md. Monirul Islam, attended a seminar on “Career Guidance for CSE Graduates in Bangladesh”, Organized by GUCC, 11 July 2024
 - Mr. Md. Monirul Islam, attended a seminar on “Securing the Internet: Importance of DNSSEC and Other Techniques”, GUB CSE Carnival 2024; October 2, 2024
 - Mr. Md. Monirul Islam, attended a seminar on “Path to Develop a proficient Technological Career”, GUB CSE Carnival 2024; October 3, 2024
 - Mr. Md. Monirul Islam, attended a seminar on “Revolution of Robotics Technology and Artificial Intelligence”, GUB CSE Carnival 2024; October 4, 2024
 - Mr. Md. Monirul Islam, attended a seminar on Panel Discussion: How Industry Academia Collaboration Could Benefit CSE Graduates in 2024, GUB CSE Carnival 2024; 4 October, 2024
 - Mr. Md. Monirul Islam, attended a seminar on “Devfest: Explore Generative Ai with the Vertex AI With Google Developer Group Sonargaon”, Organized by GUCC, 13 November 2024
 - Mr. Md. Monirul Islam, attended a seminar on “Introduction to Kaggle: A Beginner’s Guide for Aspiring Data Science & Machine Learning Enthusiasts”, Organized by IEEE SB GUB and IEEE CS SBC GUB, 15 November, 2024
 - Mr. Md. Monirul Islam, attended a seminar on “Data Science & AI for Researchers with bonoDev”, Organized by GUCC, 21 November 2024
 - Mr. Md. Monirul Islam, attended a seminar on “Reduced Inequalities: Raising Awareness against Discrimination”, organized by IQAC, GUB, December 24, 2024
 - Mr. Md. Monirul Islam, attended a conference on “2024 International Conference on Sustainable Technologies for Industry 5.0”, Organized by Faculty of Science and Engineering, GUB; December 14-15, 2024
 - Mohammad Ehsan Shahmi Chowdhury, attended a seminar on “Generative AI: A Gateway to A Thriving Career”, Organized by IEEE CS SBC GUB and IEEE SB GUB; 26 February, 2024
 - Mohammad Ehsan Shahmi Chowdhury, attended a seminar on “Roadmap to Career in Software Quality Assurance with QA Harbor”, Organized by GUCC, 23 May 2024
 - Mohammad Ehsan Shahmi Chowdhury, attended a seminar on “Securing the Internet: Importance of DNSSEC and Other Techniques”, GUB CSE Carnival 2024; October 2, 2024
 - Mohammad Ehsan Shahmi Chowdhury, attended a seminar on “Path to Develop a proficient Technological Career”, GUB CSE Carnival 2024; October 3, 2024
 - Mohammad Ehsan Shahmi Chowdhury, attended a seminar on Revolution of Robotics Technology and Artificial Intelligence, GUB CSE Carnival 2024; October 4, 2024
 - Mohammad Ehsan Shahmi Chowdhury, attended a seminar on Panel Discussion: How Industry Academia Collaboration Could Benefit CSE Graduates in 2024, GUB CSE Carnival 2024; 4 October, 2024
 - Mohammad Ehsan Shahmi Chowdhury, attended a seminar on “Reduced Inequalities: Raising Awareness against Discrimination”, organized by IQAC, GUB, December 24, 2024
 - Mohammad Ehsan Shahmi Chowdhury, attended a workshop on “Robi bdapps in Collaboration with BASIS Students’ Forum GUB Chapter; March 11, 2024
 - Mohammad Ehsan Shahmi Chowdhury, attended a workshop on “Monetize Your Apps & Ideas in bdapps - National Appstore”, hosted by bdapps in collaboration with BASIS Students’ Forum GUB Chapter; September 19, 2024
 - Mohammad Ehsan Shahmi Chowdhury, attended a workshop on “Times Higher Education Impact Ranking”, 8th August 2024, by the IQAC, GUB

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- Mohammad Ehsan Shahmi Chowdhury, attended a workshop on “QS Ranking for GUB for 2026”, 2nd December 2024, organized by the IQAC, GUB
 - Mohammad Ehsan Shahmi Chowdhury, attended a workshop on “Teaching for Active Learning (TAL), Organized by FLTR, University of Asia Pacific (UAP), 3 day-long. on 22nd February 2024
 - Mohammad Ehsan Shahmi Chowdhury, attended a workshop on “Collaboration Opportunities at IIT, Patna NLP Research Activities”, organized by the Department of CSE
 - Mohammad Ehsan Shahmi Chowdhury, attended a conference on “2024 International Conference on Sustainable Technologies for Industry 5.0”, Organized by Faculty of Science and Engineering, GUB; December 14-15, 2024
 - Ms. Sharmin Alam, attended a seminar on “Reduced Inequalities: Raising Awareness against Discrimination, organised by IQAC, GUB, December 24, 2024
 - Ms. Sharmin Alam, attended a seminar on “Path to Develop a Proficient Technological Career”, GUB CSE Carnival 2024; October 3, 2024
 - Ms. Sharmin Alam, attended a conference on “2024 International Conference on Sustainable Technologies for Industry 5.0”, Organized by Faculty of Science and Engineering, GUB; December 14-15, 2024
 - Mr. Humayan Kabir Rana, attended a seminar on “Road Map to a Successful Final Year Thesis/Project”, Organized by the Dept. of CSE, GUB, IEEE CS SBC GUB, IEEE SB GUB, and Supported by GUCC, BASIS Students’ Forum GUB Chapter; September 22, 2024
 - Mr. Humayan Kabir Rana, attended a seminar on “Securing the Internet: Importance of DNSSEC and Other Techniques”, GUB CSE Carnival 2024; October 2, 2024
 - Mr. Humayan Kabir Rana, attended a seminar on “Revolution of Robotics Technology and Artificial Intelligence”, GUB CSE Carnival 2024; October 4, 2024
 - Mr. Humayan Kabir Rana, attended a workshop on “Course Contents Development: MSc Cybersecurity”, 22nd April 2024, CSE, GUB
 - Mr. Humayan Kabir Rana, attended a workshop on “BAC Accreditation: Faculty Workshop for Capacity Building”, 23rd August 2024, JMC, GUB
 - Mr. Humayan Kabir Rana, attended a workshop on “Times Higher Education Impact Ranking”, 8th August 2024, by the IQAC, GUB
 - Mr. Humayan Kabir Rana, attended a workshop on “Preparation on Accreditation: Documentation and Evidence”, 14 November, 2024, by BAC
 - Mr. Humayan Kabir Rana, attended a workshop on “Writing ATF Sub-Project Proposal”, 02 January 2025.
 - Mr. Humayan Kabir Rana, attended a conference on “2024 International Conference on Sustainable Technologies for Industry 5.0”, Organized by Faculty of Science and Engineering, GUB; December 14-15, 2024
 - Ms. Samiha Islam Tanni, attended a seminar on “Path to Develop a Proficient Technological Career”, GUB CSE Carnival 2024; October 3, 2024
 - Ms. Samiha Islam Tanni, attended a conference on “2024 International Conference on Sustainable Technologies for Industry 5.0”, Organized by Faculty of Science and Engineering, GUB; December 14-15, 2024
 - Mr. Md. Robiul Islam, attended a conference on “2024 International Conference on Sustainable Technologies for Industry 5.0”, Organized by Faculty of Science and Engineering, GUB; December 14-15, 2024
 - Ms. Babe Sultana, attended a seminar on “Road Map to a Successful Final Year Thesis/Project”, Organized by the Dept. of CSE, GUB, IEEE CS SBC GUB, IEEE SB GUB, and Supported by GUCC, BASIS Students’ Forum GUB Chapter; September 22, 2024
 - Ms. Babe Sultana, attended a seminar on “Roadmap to Career in Software Quality Assurance”, Organized by GUCC; May 23, 2024
 - Ms. Babe Sultana, attended a seminar on “Securing the Internet: Importance of DNSSEC and Other Techniques”, GUB CSE Carnival 2024; October 2, 2024
 - Ms. Babe Sultana, attended a seminar on Inaugural Ceremony 2023 of the IEEE Student Branch, IEEE PES, and IEEE CS Student Branch Chapter of the Green University of Bangladesh.

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- Ms. Babe Sultana, attended a workshop on “Monetize Your Apps & Ideas in bdapps - National Appstore”, hosted by bdapps in collaboration with BASIS Students Forum GUB Chapter”, 19 September 2024, CSE, GUB
 - Ms. Babe Sultana, attended a workshop on “Writing ATF Sub-Project Proposal”, 02 January 2025.
 - Ms. Babe Sultana, attended a workshop on “Times Higher Education Impact Ranking”, 8th August 2024, by the IQAC, GUB
 - Ms. Babe Sultana, attended a conference on “2024 International Conference on Sustainable Technologies for Industry 5.0”, Organized by Faculty of Science and Engineering, GUB; December 14-15, 2024
 - Ms. Babe Sultana, attended a conference on “2024 6th International Conference on Electrical Engineering and Information & Communication Technology (ICEEICT)”, Military Institute of Science and Technology (MIST), Dhaka-1216, Bangladesh, 02-05 May, 2024
 - Ms. Babe Sultana, attended a conference on “2024 27th International Conference on Computer and Information Technology (ICCIT)” ,20-22 December 2024, Cox’s Bazar, Bangladesh
 - Ms. Babe Sultana, attended a conference on “International Conference on Multi-Strategy Learning Environment, ICMSLE-2024”, 12-13, January 2024, Dehradun, India
 - Ms. Rokeya Khatun, attended a seminar on “Road Map to a Successful Final Year Thesis/Project”, Organized by the Dept. of CSE, GUB, IEEE CS SBC GUB, IEEE SB GUB, and Supported by GUCC, BASIS Students’ Forum GUB Chapter; September 22, 2024
 - Ms. Rokeya Khatun, attended a seminar on “Roadmap to Career in Software Quality Assurance”, Organized by GUCC; May 23, 2024.
 - Ms. Rokeya Khatun, attended a seminar on “Path to Develop a Proficient Technological Career”, GUB CSE Carnival 2024; October 3, 2024
 - Ms. Rokeya Khatun, attended a seminar on “Revolution of Robotics Technology and Artificial Intelligence”, GUB CSE Carnival 2024; October 4, 2024
 - Ms. Rokeya Khatun, attended a workshop on “Monetize Your Apps & Ideas in bdapps - National Appstore”, hosted by bdapps in collaboration with BASIS Students’ Forum GUB Chapter; September 19, 2024
 - Ms. Rokeya Khatun, attended a workshop on “Writing ATF Sub-Project Proposal”, 02 January 2025.
 - Ms. Rokeya Khatun, attended a workshop on “Times Higher Education Impact Ranking”, 8th August 2024, by the IQAC, GUB
 - Ms. Rokeya Khatun, attended a conference on “2024 International Conference on Sustainable Technologies for Industry 5.0”, Organized by Faculty of Science and Engineering, GUB; December 14-15, 2024
 - Fatema Tuj Johora, attended a seminar on Inaugural Ceremony 2023 of the IEEE Student Branch, IEEE PES, and IEEE CS Student Branch Chapter of the Green University of Bangladesh
 - Fatema Tuj Johora, attended a seminar on Career Guidance for CSE Graduates in Bangladesh.
 - Fatema Tuj Johora, attended a seminar on “Road Map to a Successful Final Year Thesis/Project”, Organized by the Dept. of CSE, GUB, IEEE CS SBC GUB, IEEE SB GUB, and Supported by GUCC, BASIS Students’ Forum GUB Chapter; September 22, 2024
 - Fatema Tuj Johora, attended a seminar on “Roadmap to Career in Software Quality Assurance”, Organized by GUCC; May 23, 2024.
 - Fatema Tuj Johora, attended a seminar on “Path to Develop a Proficient Technological Career”, GUB CSE Carnival 2024; October 3, 2024
 - Fatema Tuj Johora, attended a workshop on “Monetize Your Apps & Ideas in bdapps - National Appstore”, hosted by bdapps in collaboration with BASIS Students’ Forum GUB Chapter; September 19, 2024
 - Fatema Tuj Johora, attended a conference on “2024 International Conference on Sustainable Technologies for Industry 5.0”, Organized by Faculty of Science and Engineering, GUB; December 14-15, 2024

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- Md. Parvez Hossain, attended a seminar on “Road Map to a Successful Final Year Thesis/Project”, Organized by the Dept. of CSE, GUB, IEEE CS SBC GUB, IEEE SB GUB, and Supported by GUCC, BASIS Students’ Forum GUB Chapter; September 22, 2024
 - Md. Parvez Hossain, attended a conference on “2024 International Conference on Sustainable Technologies for Industry 5.0”, Organized by Faculty of Science and Engineering, GUB; December 14-15, 2024
 - Md. Abu Rumman Refat, attended a seminar on “Road Map to a Successful Final Year Thesis/Project”, Organized by the Dept. of CSE, GUB, IEEE CS SBC GUB, IEEE SB GUB, and Supported by GUCC, BASIS Students’ Forum GUB Chapter; September 22, 2024
 - Md. Abu Rumman Refat, attended a seminar on “Roadmap to Career in Software Quality Assurance”, Organized by GUCC; My 23, 2024
 - Md. Abu Rumman Refat, attended a seminar on “Path to Develop a Proficient Technological Career”, GUB CSE Carnival 2024; October 3, 2024
 - Md. Abu Rumman Refat, attended a workshop on “Monetize Your Apps & Ideas in bdapps - National Appstore”, hosted by bdapps in collaboration with BASIS Students’ Forum GUB Chapter; September 19, 2024
 - Md. Abu Rumman Refat, attended a conference on “2024 International Conference on Sustainable Technologies for Industry 5.0”, Organized by Faculty of Science and Engineering, GUB; December 14-15, 2024
 - Md. Riad Hassan, attended a seminar on “Road Map to a Successful Final Year Thesis/Project”, Organized by the Dept. of CSE, GUB, IEEE CS SBC GUB, IEEE SB GUB, and Supported by GUCC, BASIS Students’ Forum GUB Chapter; September 22, 2024
 - Md. Riad Hassan, attended a seminar on “Roadmap to Career in Software Quality Assurance”, Organized by GUCC; My 23, 2024
 - Md. Riad Hassan, attended a seminar on “Path to Develop a Proficient Technological Career”, GUB CSE Carnival 2024; October 3, 2024
 - Md. Riad Hassan, attended a workshop on “Monetize Your Apps & Ideas in bdapps - National Appstore”, hosted by bdapps in collaboration with BASIS Students’ Forum GUB Chapter; September 19, 2024
 - Md. Riad Hassan, attended a conference on “2024 International Conference on Sustainable Technologies for Industry 5.0”, Organized by Faculty of Science and Engineering, GUB; December 14-15, 2024
 - Ms. Fatema Akter, attended a seminar on Career Guidance for CSE Graduates in Bangladesh
 - Ms. Fatema Akter, attended a seminar on “Roadmap to Career in Software Quality Assurance”, Organized by GUCC; My 23, 2024
 - Ms. Fatema Akter, attended a workshop on “Unlocking Higher Education Opportunities in the U.S”
 - Mr. Mozdahir Abdul Quader, attended a seminar on “Road Map to a Successful Final Year Thesis/Project”, Organized by the Dept. of CSE, GUB, IEEE CS SBC GUB, IEEE SB GUB, and Supported by GUCC, BASIS Students’ Forum GUB Chapter; September 22, 2024
 - Mr. Mozdahir Abdul Quader, attended a seminar on “Roadmap to Career in Software Quality Assurance”, Organized by GUCC; May 23, 2024. Path to Develop a Proficient Technological Career”, GUB CSE Carnival 2024; October 3, 2024
 - Mr. Mozdahir Abdul Quader, attended a conference on “2024 First International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE 2024)”, 16 - 17, May 2024 | Shivamogga, Karnataka, India
 - Mr. Mozdahir Abdul Quader, attended a conference on “2024 International Conference on Sustainable Technologies for Industry 5.0”, Organized by Faculty of Science and Engineering, GUB; December 14-15, 2024
 - Mr. Md. Naimul Pathan, attended a seminar on “Road Map to a Successful Final Year Thesis/Project”, Organized by the Dept. of CSE, GUB, IEEE CS SBC GUB, IEEE SB GUB, and Supported by GUCC, BASIS Students’ Forum GUB Chapter; September 22, 2024

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- Mr. Md. Naimul Pathan, attended a conference on “2024 International Conference on Sustainable Technologies for Industry 5.0”, Organized by Faculty of Science and Engineering, GUB; December 14-15, 2024
 - Mr. Md. Naimul Pathan, attended a conference on “2024 6th International Conference on Electrical Engineering and Information & Communication Technology (ICEEICT)”, Military Institute of Science and Technology (MIST), Dhaka-1216, Bangladesh, 02-05 May, 2024
 - Mr. Md. Rajibul Palas, attended a seminar on “Unlocking the power of Data: A beginners guide to Data Analytics” Organized by IEEE CS SBC GUB, IEEE SB GUB, on 7th March 2025
 - Mr. Md. Rajibul Palas, attended a seminar on “Scientific Paper Writing: A Thumb Rule Approach” Organized by IEEE CS SBC GUB, IEEE SB GUB, on 11th February 2025
 - Mr. Md. Rajibul Palas, attended a seminar on “Generative AI: A Gateway to A Thriving Career”, Organized by IEEE CS SBC GUB and IEEE SB GUB; February 26, 2024
 - Mr. Md. Rajibul Palas, attended a seminar on “Career Talk from the Other Side of the Table”, Organized by Dept. of CSE, GUB, In association with Basis Students Forum, GUB Chapter, IEEE CS SBC GUB and IEEE SB GUB; May 24, 2024
 - Mr. Md. Rajibul Palas, attended a workshop on “Cyber Security and Cloud Systems” Organized by IEEE CS SBC GUB, IEEE SB GUB, on 14th December 2024
 - Mr. Md. Rajibul Palas, attended a workshop on “Introduction to Kaggle: A Beginner’s Guide for Aspiring Data Science & Machine Learning Enthusiasts”, Organized by IEEE CS SBC GUB, IEEE SB GUB, on 15 Oct 2024
 - Mr. Md. Rajibul Palas, attended a workshop on “Career Guideline Workshop on Full-Stack Development with MERN”, Organized by IEEE CS SBC GUB, IEEE SB GUB, on 17 Oct 2024
 - Ms. Jarin Tasnim Tonvi, attended a seminar on “Generative AI: A Gateway to A Thriving Career”, Organized by IEEE CS SBC GUB and IEEE SB GUB; February 26, 2024
 - Ms. Jarin Tasnim Tonvi, attended a seminar on “The Bebras Challenge Allows all Students to Learn Computational Thinking in a Joyful Way”, Organized by GUCC; March 19, 2024
 - Ms. Jarin Tasnim Tonvi, attended a seminar on “Roadmap to Career in Software Quality Assurance”, Organized by GUCC; May 23, 2024
 - Ms. Jarin Tasnim Tonvi, attended a seminar on “Career Talk from the Other Side of the Table”, Organized by Dept. of CSE, GUB, In association with Basis Students Forum, GUB Chapter, IEEE CS SBC GUB and IEEE SB GUB; May 24, 2024
 - Ms. Jarin Tasnim Tonvi, attended a seminar on “Road Map to a Successful Final Year Thesis/Project”, Organized by the Dept. of CSE, GUB, IEEE CS SBC GUB, IEEE SB GUB, and Supported by GUCC, BASIS Students’ Forum GUB Chapter; September 22, 2024
 - Ms. Jarin Tasnim Tonvi, attended a seminar on “Revolution of Robotics Technology and Artificial Intelligence”, GUB CSE Carnival 2024; October 4, 2024
 - Ms. Jarin Tasnim Tonvi, attended a conference on “2024 6th International Conference on Sustainable Technologies for Industry 5.0”, Organized by Faculty of Science and Engineering, GUB; December 14-15, 2024
 - Ms. Jarin Tasnim Tonvi, attended a conference on “2024 27th International Conference on Computer and Information Technology (ICCIT)”, 20-22 December 2024, Cox’s Bazar, Bangladesh
 - Ms. Wahia Tasnim, attended a seminar on “Generative AI: A Gateway to A Thriving Career”, Organized by IEEE CS SBC GUB and IEEE SB GUB; February 26, 2024
 - Ms. Wahia Tasnim, attended a seminar on “The Bebras Challenge Allows all Students to Learn Computational Thinking in a Joyful Way”, Organized by GUCC; March 19, 2024
 - Ms. Wahia Tasnim, attended a seminar on “Career Talk from the Other Side of the Table”, Organized by Dept. of CSE, GUB, In association with Basis Students Forum, GUB Chapter, IEEE CS SBC GUB and IEEE SB GUB; May 24, 2024
 - Ms. Wahia Tasnim, attended a seminar on “Road Map to a Successful Final Year Thesis/Project”, Organized by the Dept. of CSE, GUB, IEEE CS SBC GUB, IEEE SB GUB, and Supported by GUCC, BASIS Students’ Forum GUB Chapter; September 22, 2024.
 - Ms. Wahia Tasnim, attended a seminar on “Securing the Internet: Importance of DNSSEC and Other Techniques”, GUB CSE Carnival 2024; October 2, 2024

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- Ms. Wahia Tasnim, attended a seminar on “Path to Develop a Proficient Technological Career”, GUB CSE Carnival 2024; October 3, 2024
 - Ms. Wahia Tasnim, attended a seminar on “Revolution of Robotics Technology and Artificial Intelligence”, GUB CSE Carnival 2024; October 4, 2024
 - Ms. Wahia Tasnim, attended a seminar on “Introduction to Kaggle: A Beginner’s Guide for Aspiring Data Science & Machine Learning Enthusiasts”, Organized by IEEE SB GUB and IEEE CS SBC GUB in association with IEEE CS BC; November 15, 2024
 - Ms. Wahia Tasnim, attended a workshop on ”Preparation on Accreditation: Documentation and Evidence”, 14 November, 2024, by BAC
 - Ms. Wahia Tasnim, attended a workshop on ”Monetize Your Apps & Ideas in bdapps - National Appstore” hosted by bdapps in collaboration with BASIS Students Forum GUB Chapter, 19 September 2024, CSE, GUB
 - Mr. Mahbubur Rahman, attended a seminar on ”Road Map to a Successful Final Year Thesis/Project”, Organized by the Dept. of CSE, GUB, IEEE CS SBC GUB, IEEE SB GUB, and Supported by GUCC, BASIS Students’ Forum GUB Chapter; September 22, 2024
 - Mr. Mahbubur Rahman, attended a workshop on “Writing ATF Sub-Project Proposal”, 02 January 2025
 - Mr. Mahbubur Rahman attended a conference on “2024 6th International Conference on Sustainable Technologies for Industry 5.0”, Organized by Faculty of Science and Engineering, GUB; December 14-15, 2024
 - Montaser Abdul Quader, attended a seminar on ”Roadmap to Career in Software Quality Assurance with QA Harbor”, Organized by GUCC, 23 May 2024.
 - Montaser Abdul Quader, attended a seminar on ”Career Guidance for CSE Graduates in Bangladesh”, Organized by GUCC, 11 July 2024
 - Montaser Abdul Quader, attended a seminar on ”Path to Develop a proficient Technological Career”, GUB CSE Carnival 2024; October 3, 2024
 - Montaser Abdul Quader, attended a seminar on “Revolution of Robotics Technology and Artificial Intelligence”, GUB CSE Carnival 2024; October 4, 2024
 - Montaser Abdul Quader, attended a Panel Discussion: How Industry Academia Collaboration Could Benefit CSE Graduates in 2024, GUB CSE Carnival 2024; October 4, 2024.
 - Montaser Abdul Quader, attended a seminar on ”Data Science & AI for Researchers with bon-goDev”, Organized by GUCC, 21 November 2024
 - Montaser Abdul Quader, attended a conference on “2024 First International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE 2024)”, 16 - 17, May 2024 | Shivamogga, Karnataka, India.
 - Montaser Abdul Quader, attended a conference on “2024 6th International Conference on Sustainable Technologies for Industry 5.0, Organized by Faculty of Science and Engineering”, GUB; December 14-15, 2024
 - Mr. Shoab Alam, attended a seminar on ”Roadmap to Career in Software Quality Assurance with QA Harbor”, Organized by GUCC, 23 May 2024
 - Mr. Shoab Alam, attended a seminar on “Revolution of Robotics Technology and Artificial Intelligence”, GUB CSE Carnival 2024; October 4, 2024
 - Mr. Shoab Alam, attended a conference on “2024 International Conference on Sustainable Technologies for Industry 5.0, Organized by Faculty of Science and Engineering”, GUB; December 14-15, 2024
 - Mr. Sharifur Rahman, attended a seminar on “Revolution of Robotics Technology and Artificial Intelligence”, GUB CSE Carnival 2024; October 4, 2024
 - Mr. Sharifur Rahman, attended a seminar on ”Roadmap to Career in Software Quality Assurance with QA Harbor”, Organized by GUCC, 23 May 2024
 - Mr. Sharifur Rahman, attended a seminar on “Path to Develop a Proficient Technological Career”, GUB CSE Carnival 2024; October 3, 2024
 - Mr. Sharifur Rahman, attended a seminar on “Revolution of Robotics Technology and Artificial Intelligence”, GUB CSE Carnival 2024; October 4, 2024

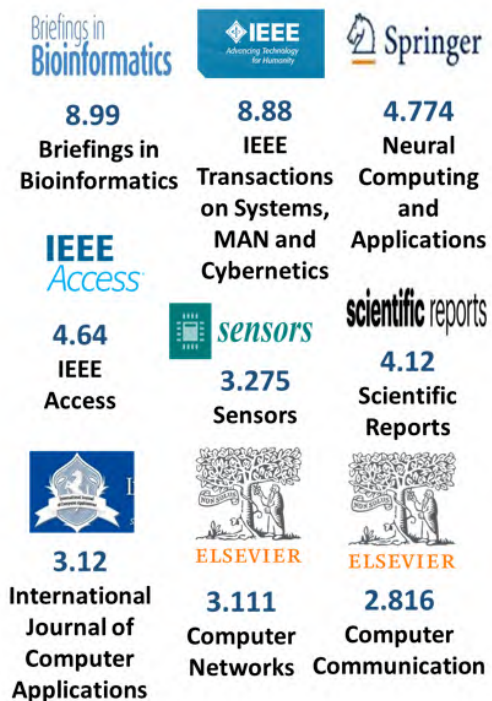
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- Mr. Sharifur Rahman, attended a conference on “2024 6th International Conference on Sustainable Technologies for Industry 5.0, Organized by Faculty of Science and Engineering”, GUB; December 14-15, 2024
 - Mr. Sudip Ghoshal, attended a seminar on ”Roadmap to Career in Software Quality Assurance with QA Harbor”, Organized by GUCC, 23 May 2024
 - Mr. Sudip Ghoshal, attended a seminar on “Revolution of Robotics Technology and Artificial Intelligence”, GUB CSE Carnival 2024; October 4, 2024
 - Mr. Sudip Ghoshal, attended a seminar on ”Career Guidance for CSE Graduates in Bangladesh”, Organized by GUCC, 11 July 2024
 - Mr. Sudip Ghoshal, attended a workshop on ”Course Contents Development: MSc Cyber Security”, Organized by Dept. of CSE, GUB; April 22, 2024
 - Mr. Sudip Ghoshal, attended a conference on “2024 6th International Conference on Sustainable Technologies for Industry 5.0, Organized by Faculty of Science and Engineering”, GUB; December 14-15, 2024
 - Mr. Romzan Alom, attended a seminar on ”Generative AI: A Gateway to A Thriving Career” February 26, 2024
 - Mr. Romzan Alom, attended a seminar on “Revolution of Robotics Technology and Artificial Intelligence”, GUB CSE Carnival 2024; October 4, 2024
 - Mr. Romzan Alom, attended a seminar on Career Guidance for CSE Graduates in Bangladesh
 - Mr. Romzan Alom, attended a workshop on IEEE Authorship and Open Access Symposium: Tips and Best Practices to Get Published from IEEE Editors
 - Mr. Romzan Alom, attended a workshop on 59th Bangladesh International Education Expo 2025
 - Mr. Romzan Alom, attended a conference on “2024 6th International Conference on Sustainable Technologies for Industry 5.0, Organized by Faculty of Science and Engineering”, GUB; December 14-15, 2024

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Publications



(a) Number of publication throughout the year 2024.



(b) List of published journals with respective Impact Factor (IF).

Figure 7.1: Summary of academic activities of 2024

- Shamim Ahmed, Sadikur Rahman, Saiful Azad, and KM Shadman Wadith, "Enhancing CNN Model by Incorporating Upscaling and Downscaling Techniques for Image Classification," In the proceedings of 2024 6th International Conference on Electrical Engineering and Information & Communication Technology (ICEEICT), pp. 266-271, IEEE, 2024
- M. Washim Akram, Tanbin Ahmed, Saiful Azad and Md. Solaiman Mia, "Enhancing Tree-Based Keyphrase Extraction Technique using Embedding Technique," In the proceedings of 2024 6th International Conference on Sustainable Technologies for Industry 5.0 (STI 2024), IEEE, 14 - 15 December 2024
- Nasif Azam, Tarun Datt, Saidur Rahaman, Saiful Azad and Md. Solaiman Mia, "Winnowing Wrapper Method: An Efficient Feature Selection Technique," In the proceedings of 2024 6th

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- Shah Jalal, Palash Roy, Sudip Chandra Ghoshal, Subrato Basak, Belal Hoshan, Md. Abdur Razzaque and Saiful Azad, "Artificial Bee Colony Optimization for Delay and Cost Aware Task Scheduling in Serverless Computing Environment," In the proceedings of 2024 6th International Conference on Sustainable Technologies for Industry 5.0 (STI 2024), IEEE, 14 - 15 December 2024
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8.1 CSE Department Annual Picnic 2024

A recreational annual picnic of the CSE department has been arranged on 03 March 2024, at Turag Waterfront Resort, Gazipur. The day was filled with a variety of activities aimed at fostering friendship and relaxation among the attendees. From spirited sports competitions, including basketball, and musical chairs for female faculty and students, to football passing and cricket ball throwing for male faculty and students, everyone had the opportunity to showcase their skills and enjoy friendly competition. Additionally, the refreshing swimming session at the resort's pool provided a welcome break from the day's excitement.



Figure 8.1: Moments of joy and camaraderie among the CSE faculty at Annual Picnic 2024

The cultural program, featuring performances by both faculty and students, added a touch of artistry and celebration to the proceedings. A collective sense of joy and unity permeated the air as participants came together for a memorable group photo session, capturing the essence of our shared experience.

The culmination of the event was marked by an award and raffle draw session, followed by insightful speeches from Prof. Dr. Md. Saiful Azad, Dean, Faculty of Science and Engineering, Dr. Muhammad

Aminur Rahaman, Chairperson, Department of CSE, and Prof. Dr. Md. Ahsan Habib, Convener, CSE Annual Picnic 2024. Their words of wisdom and gratitude resonated deeply with all present, underscoring the significance of community and collaboration.



Figure 8.2: A joyful day of togetherness — faculty and students bonding beyond the classroom at the CSE Annual Picnic 2024

In closing, we extend our heartfelt thanks to all who contributed to the success of this memorable outing, including the dedicated transport staff who ensured smooth logistics throughout the day. As we reflect on the cherished memories created, we look forward to future opportunities for shared experiences and continued growth as a departmental family.

8.2 Mentorship Appreciation Ceremony” organized by Mentorship Program, Department of CSE

The Mentorship Program of the Department of Computer Science and Engineering of the Green University of Bangladesh has organized an event titled “Mentorship Appreciation Ceremony” on Tuesday, March 05, 2024 at the seminar room A-302.

The program was adorned by the presence of Dr. Muhammad Aminur Rahaman, Chairperson, Dept. of CSE, Mr. Syed Ahasanul Kabir, Associate Chairperson, and Prof. Dr. Md. Ahsan Habib as the event guests. All of the mentor moderators and faculty members, including Jakia Sultana, Assistant Professor, Palash Roy, Lecturer, Mahbubur Rahman, Lecturer, Samiha Islam Tanni, Lecturer, and Kazi Hasnayeem Emad, Lecturer were also present during the event with the guests.

The event started with a speech by mentor moderator Ms. Jakia Sultana, Assistant Professor. She addressed the leadership and work ethics of the mentors. Following the speech from the moderator, veteran mentor Md. Abu Taief Siddique shared his experience as a mentor throughout his journey with the GUSMP. Later, Mr. Syed Ahsanul Kabir, Associate Chairperson shared how the mentors can bring positive changes to the mentees’ lives as they create an unbreakable bond. Then Prof. Dr. Md. Ahsan Habib, Professor of CSE Department shared his insight about the program. He discussed how amazed he was by the GUSMP concept and how it stops bullying, harassment, and ragging on campus.



Figure 8.3: Joy and accomplishment shine bright as students receive their well-deserved certificates.

It was a day for the mentors, who dedicated their hearts and souls to the student mentorship program. Certificates were first given to the two mentor advisors. All 17 mentors of Fall 2023 were appreciated for their efforts with certificates. In addition, the exceptional achievements of 8 mentors who were outstanding in their performance were rewarded with crests. The 4 mentor moderators were also honored with certificates. 2 mentor advisors received their farewell gifts as they were leaving the GUSMP.



Figure 8.4: A celebration of success, students proudly showcasing their happiness

The program generated heartwarming appreciation from the guests and students in attendance. The

last speech of the event was delivered by Dr. Muhammad Aminur Rahaman, Chairperson, Dept. of CSE. He highlighted the contributions of the mentors for the mentees who seek true support from experienced personnel in their transition from one academic stage to another.

The program concluded with a joyful photoshoot. Everyone appreciated the event and wished all the best for the mentors, advisors, and moderators.

8.3 Alumni Executive Committee [GAACSE 2024] meet with the Chairperson, CSE

The meeting of the Green University Alumni Association of CSE (GAACSE) with the chairperson of CSE department, marked the GAACSE committee's first meeting virtually via Zoom on March 16, 2024. The event was graced by the esteemed presence and enthusiastic participation of our alumni executive members and faculty, demonstrating their collective commitment to the growth and success of their association.

The meeting was adorned by the presence of Dr. Muhammad Aminur Rahaman, Chairperson, Dept. of CSE, Mr. Syed Ahasanul Kabir, Associate Chairperson, and MS. Shamima Akter, Convener, IAC and AAC Board, as the event guests. All of the alumni and faculty members, including Noyan Ali, Lecturer, Md. Rajibul Palash, Lecturer; Saiful Islam, Lecturer, and Md. Shoab Alam, Lecturer, was also present during the meeting.

The meeting, expertly chaired by K M Ajharul Abedeen, the esteemed President of the Executive Committee, set off with a warm and personalized introduction of each committee member. He reviewed the yearly agenda of the committee, discussing their goals as follows:

1. Iftar Party and Islamic Olympiad
2. Career Guide Line: 8-10 sessions.
3. Higher Study Abroad: Germany.
4. Based on student interest and response: Provide a detailed session on a specific topic.
5. Constitution amendment:
 - (a) Election procedure
 - (b) Membership Fee.
 - (c) Committee Formation
6. File Opening
 - (a) Official pad
 - (b) Email address
 - (c) Phone Number
 - (d) Envelop
 - (e) Bank Account
7. Alumni Database preparation.

Dr. Muhammad Aminur Rahaman, Chairperson of the Department of CSE; Mr. Syed Ahasanul Kabir, Associate Chairperson; and MS. Shamima Akter, Assistant Professor, enriched the meeting with their invaluable insights and guidance, underscoring the importance of their initiatives for current students and the broader GAACSE community.

The session concluded with a wealth of wisdom shared by other esteemed faculty members, who provided expert advice and guidelines, enriching the discourse with their depth of experience and insight.

8.4 CSE Iftar Mahfil 2024 & Islamic Olympiad 2.0

The CSE Iftar Mahfil 2024 & Islamic Olympiad 2.0 was successfully arranged on March 29, 2024. This event was organized by the Green University Computer Club (GUCC) in collaboration with the Green University Alumni Association of Computer Science and Engineering (GAACSE). We were privileged to host esteemed guests, faculty members, and students, totaling approximately 200 participants.



Figure 8.5: Winners of Islamic Olympiad 2.0 with proud guests at CSE Iftar Mahfil

Our event was honored by the esteemed presence of Prof. Dr. Abdur Razzaque, Chairman, Dept. of CSE, DU, along with Dr. Muhammad Aminur Rahaman, Chairperson of the Department of CSE, Professor Dr. ASM Shihavuddin, Chairperson of the Dept. of EEE, Prof. Dr. Abul Hossain, Chairperson of the Department of Sociology & Anthropology, Dr. Md. Mustafijur Rahman, Associate Professor and Controller of Examination, and other distinguished faculty members.

Additionally, the event was graced by members of the GAACSE committee and the Central Alumni Committee. Among them were Mostofa Monon, President of the GUB Alumni Association Steering Committee, Md. Mirajul Islam, General Secretary of the GUB Alumni Association Steering Committee, K M Ajharul Abedeen, President of GAACSE, and other alumni members.

The event comprised various segments, commencing with a Calligraphy Showcase, followed by a Quiz Competition, Islamic Hamd/Naat recitations, speeches from our esteemed guests, a Prize Giving Ceremony, and a concluding Dua and Iftar Mahfil. The winners of the different segments of the Islamic Olympiad were honored with crests presented by our respected guests.

We extend our heartfelt gratitude to all attendees, organizers, and esteemed visitors whose contributions were instrumental in making the CSE Iftar Mahfil and Islamic Olympiad a resounding success.

8.5. "Chairperson Meets with First Semester Students Regarding Exam Preparation" organized by Mentorship Program, Dept. of CSE



Figure 8.6: A serene moment of reflection and togetherness before Iftar.

8.5 "Chairperson Meets with First Semester Students Regarding Exam Preparation" organized by Mentorship Program, Dept. of CSE

The Mentorship Program of the Department of Computer Science and Engineering of the Green University of Bangladesh has organized a webinar titled "Chairperson Meets with First Semester Students Regarding Exam Preparation" on Sunday, March 31, 2024, via the Zoom platform.

The program was adorned by the presence of Prof. Dr. Md. Saiful Azad, Honorable Dean of FSE; Dr. Muhammad Aminur Rahaman, Honorable Chairperson, Department of CSE; Syed Ahsanul Kabir, Honorable Associate Professor & Associate Chairperson (Academic & Students' Affairs); Dr. Muhammad Abul Hasan, Honorable Associate Professor & Associate Chairperson (Research & OBE), Department of CSE; Prof. Dr. Md. Ahsan Habib Tareq, Honorable Professor, Department of CSE; Dr. Md. Mostafijur Rahman, Honorable Exam Controller, Green University of Bangladesh, Mr. Mohammad Khorshed Alam, Honorable Deputy Director, F&A, and faculty members including Jakia Sultana, Assistant Professor, Mr. Palash Roy, Lecturer, Mahbubur Rahman, Lecturer and Kazi Hasnayeem Emad, Lecturer were also present during the event with the guests.

The meeting was divided into two parts. The first part consisted of motivational and inspirational speeches from the faculty members, while the second part involved a Question-Answer session to address the students' queries. The program was skillfully anchored by Faysal Hossain Tomal and Md. Saiful Islam Rimon, Mentors of the Dept. of CSE

The program commenced with an instructional speech by Tahsin Ahmmed, a mentor, at the Dept of CSE. He shared his personal experiences and valuable tips to enhance exam preparation. Following that, Palash Roy, Lecturer and Program Coordinator delivered a speech on accessing help through the exam routine and the admit card, and provided instructions for conducting midterm exams.

Mr. Syed Ahsanul Kabir, Honorable Associate Professor & Associate Chairperson (Academic & Students' Affairs), inspired students to attend all their classes, take class notes, communicate with Course Instructors during counseling hours, and emphasized the importance of exams in achieving a good CGPA. Dr. Muhammad Abul Hasan, Honorable Associate Professor & Associate Chairperson (Research & OBE), delivered a motivational speech aimed at inspiring students to pursue success in

8.5. "Chairperson Meets with First Semester Students Regarding Exam Preparation" organized by Mentorship Program, Dept. of CSE

their engineering careers. He emphasized the importance of staying on the right path and maintaining consistency in problem-solving.

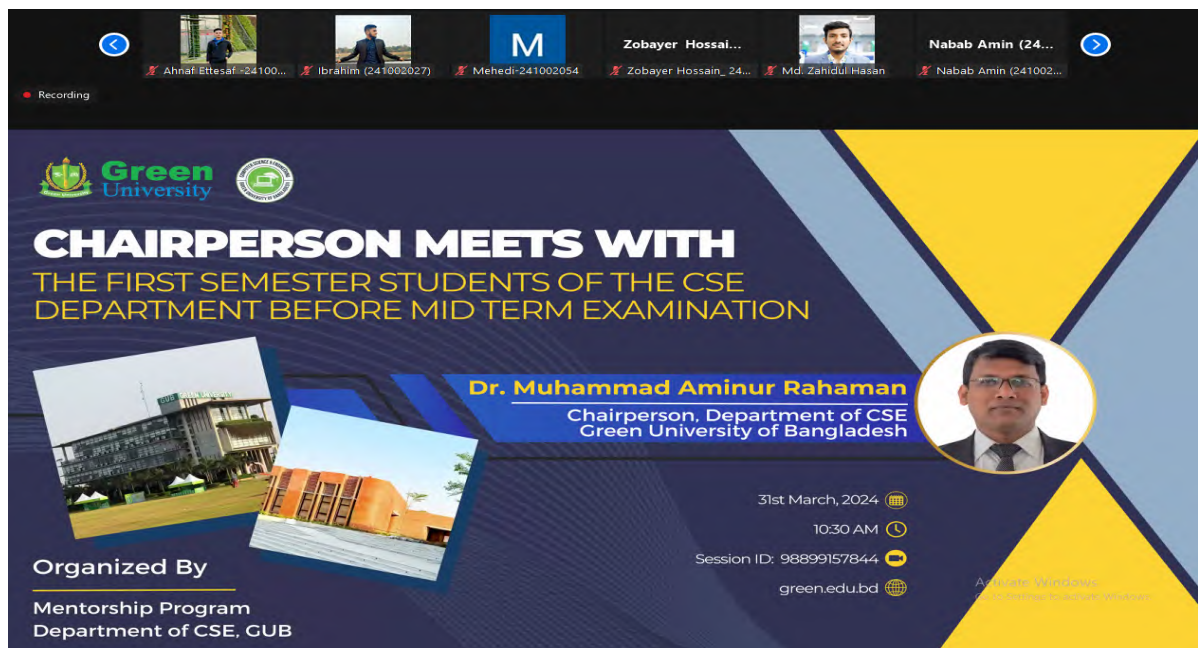


Figure 8.7: The Banner of the program of "Chairperson Meets with First Semester Students Regarding Exam Preparation"

Prof. Dr. Md. Ahsan Habib, Honorable Professor, guided the students to be future-proof and cultivate their creativity. Afterwards, Dr. Md. Mostafijur Rahman, Honorable Exam Controller, addressed the distribution of marks for the mid-term examination and provided instructions regarding the code of conduct during exams.

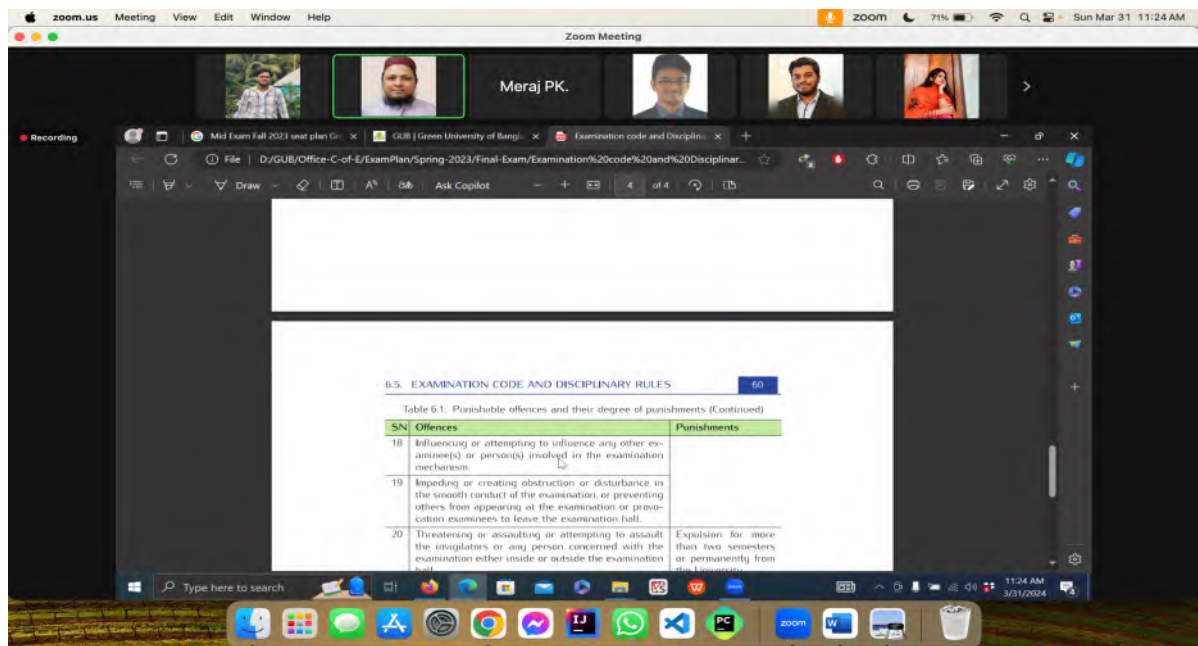


Figure 8.8: Dr. Md. Mostafijur Rahman, Honorable Exam Controller provided instructions regarding the code of conduct during exams.

8.6. Inaugural Ceremony 2024 of the IEEE Student Branch, IEEE PES, and IEEE CS Student Branch Chapter of the Green University of Bangladesh

Prof. Dr. Md. Saiful Azad, Honorable Dean of FSE, expressed his gratitude to the Mentorship Program Committee for organizing the session and emphasizing pre-exam and post-exam preparation. Dr. Muhammad Aminur Rahaman, Honorable Chairperson highlighted the significant assistance provided by the Mentorship Program in helping newcomers adapt to university life. He encouraged students to stay calm during exams, be well-prepared, and practice to avoid technical issues.

The second part of the program involved a Question-Answer session where students had the opportunity to ask their questions, and faculty members and administrative officers provided answers to address any confusion.

Everyone appreciated the event and wished all the best for the mentors, advisors, and moderators. A few glimpses from the program are attached.

8.6 Inaugural Ceremony 2024 of the IEEE Student Branch, IEEE PES, and IEEE CS Student Branch Chapter of the Green University of Bangladesh

The IEEE Student Branch GUB, IEEE CS SBC GUB, and IEEE PES GUB SBC successfully organized "Inauguration Ceremony-2024", on 17th May 2024 in A-409. It is our great pleasure to inform you that the Chief Guest, Guest of Honor, Special Guest, Session Chair, faculty members, and more than 120 students were present at this ceremony.

The Inauguration Ceremony began at 9.30 am with the recitation of the holy Qur'an and Gita recitation. At the beginning, Dr. Molla Shahadat Hossain Lipu, Associate Professor, Department of EEE, and advisor of IEEE PES GUB SBC. Extended a warm welcome to all attendees, highlighting the significance and expressing gratitude to the organizers and participants. Former Chair of IEEE SB GUB shared insights and experiences from the 2023 programs, highlighting the organization's achievements and milestones. Current Chair, Waliyel Hasnat Zaman, introduced the new executive committee members and presented the IEEE Student Branch GUB's plans for the coming year. Chair of IEEE CS SBC GUB, Tahsin Ahmmmed, and Vice Chair of IEEE PES GUB SBC, Md. Saklain Mostak, also introduced their new executive committees and outlined their plans for the next year.

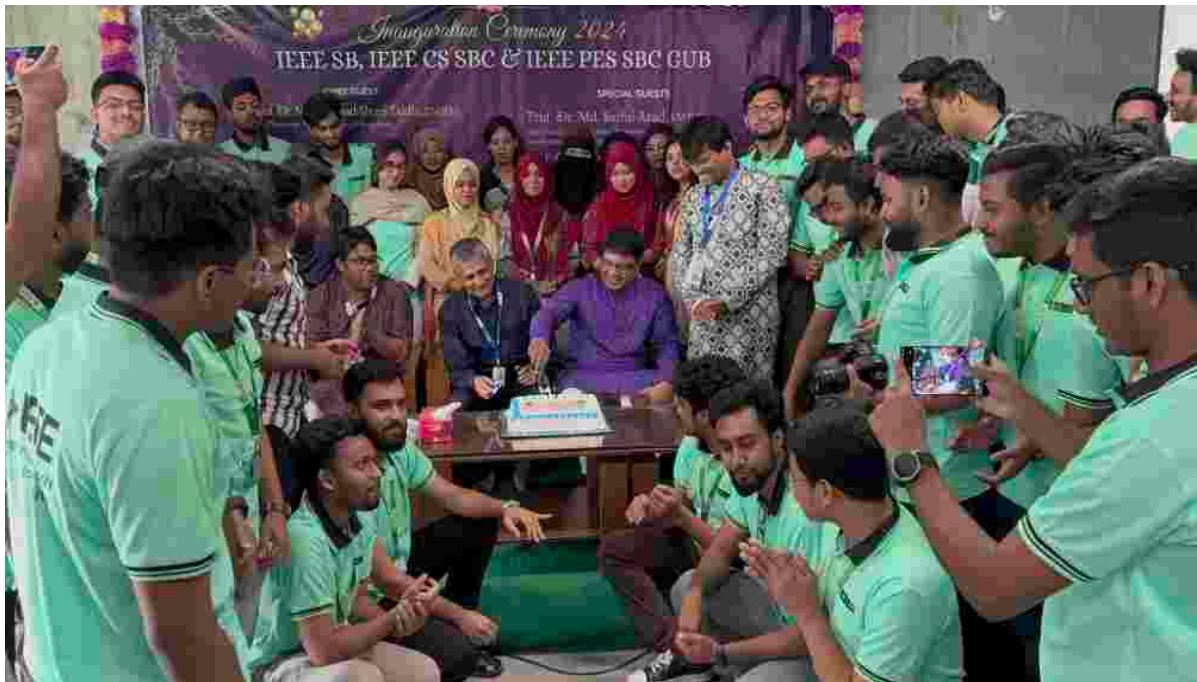


Figure 8.9: Marking the occasion with smiles and cake alongside our special guests

8.6. Inaugural Ceremony 2024 of the IEEE Student Branch, IEEE PES, and IEEE CS Student Branch Chapter of the Green University of Bangladesh

Prof. Dr. Md. Ahsan Habib Tareq, SMIEEE, Chair of IEEE CS BDC, encouraged the new committee members by highlighting the importance of their roles and the potential for making impactful contributions through IEEE. Prof. Dr. Md. Fyzur Rahman, Acting Treasurer of GUB, shared his experiences and inspired the audience with insights about opportunities in various projects, research, and journals. Prof. Dr. Md. Saiful Azad, Dean of the Faculty of Science and Engineering, delivered a speech on the importance of IEEE SB, CS, and PES, inspiring everyone to join IEEE and benefit from its vast resources. Certificates were then awarded to the former executive members of IEEE SB, CS, and PES by Prof. Dr. Khawza Iftekhar Uddin Ahmed, Pro VC of GUB, recognizing their hard work and achievements. Dr. Ahmed congratulated IEEE SB GUB for winning various awards, encouraged members to inspire and guide new members, and emphasized the importance of continued excellence and collaboration. Dr. Mohammad Aminur Rahaman, Chairperson of the Department of CSE, motivated all the new executives of IEEE SB, CS, and PES, and closed the inauguration ceremony.



Figure 8.10: A moment of prestige with our honored guests at the heart of the occasion.

After the Inauguration Ceremony-2024, a panel discussion on "Challenges and Prospects of Using ChatGPT and Other Generative AI Tools in Academia" was held. Keynote Speaker Zohirul Alam Tiemooon, CEO of Nerd Castle Limited, shared insights on the job market, remote jobs, freelancing, and AI, offering job search tips in Bangladesh. Mahmudul Hasan Sarker, Software Developer at Datasoft, discussed ChatGPT's prompt engineering, tokenization, benefits, and drawbacks. Prof. Dr. Md. Golam Samdani Fakir joined as a panel discussant. The session was attended by key guests, faculty, and students from the Engineering Department.

After the lunch break, Started the special session titled "Advanced LLM in software engineering and academic research" started. Jahidul Arafat, Senior Solution and Cloud Architect, Oracle, and PhD fellow, Auburn University, Alabama, USA. Introduced the Rush programming language, explaining the declaration process, integration with LLM models, and practical applications such as using ChatGPT and writing thesis papers. He emphasized that AI is rapidly advancing in the industry to augment human capabilities rather than replace them. Chairs of IEEE SB GUB, IEEE CS SBC GUB, and IEEE PES GUB SBC have welcomed our VC

Prof. Dr. Md. Abdur Razzaque, Chair of the CSE Department at Dhaka University, nostalgically shared his experiences of starting the IEEE Student Branch, Computer Society, and Power & Energy

8.7. Successful completion of the "Alumni Executive Committee [GAACSE 2024] meet with the Chairperson, CSE"

Society at GUB, appreciating students' efforts and discussing high-quality STI papers. Prof. Dr. Mohammad Shorif Uddin, Vice Chancellor of GUB, emphasized that ChatGPT is designed to assist, not replace, humans and highlighted the importance of outcome-based knowledge for effectively leveraging AI tools. He congratulated the new IEEE committee members and encouraged organizing more technical events. Dr. Mohammad Aminur Rahaman, Chair of the CSE Department, expressed gratitude for the event and emphasized the goal of making the IEEE Computer Society Chapter SBC GUB the best by organizing outstanding events.

The "Inauguration Ceremony-2024" was a resounding success, bringing together distinguished guests, faculty, and students to celebrate achievements and plan for the future. The event featured inspiring speeches and insightful panel discussions on the job market, AI, software engineering, and academic research. Speakers emphasized responsible AI use, critical thinking, and outcome-based knowledge. The ceremony recognized the hard work of past committee members and motivated the new executive members to strive for excellence.

8.7 Successful completion of the "Alumni Executive Committee [GAACSE 2024] meet with the Chairperson, CSE"

Assalamualaikum. Greetings from the Industry-Academia Collaboration and Alumni Association Coordination (IAC and AAC) Board. We are pleased to share reflections from the alumni meet with the Chairperson, CSE held on October 4th, organized by the IAC and AAC Board. This session provided a valuable platform for open discussion among our esteemed faculty members, dedicated alumni, and newly joined members. The meeting was adorned by the presence of Mr. Syed Ahsanul Kabir, Honorable Associate Chairperson of CSE & Associate Professor; Dr. Md. Mostafijur Rahman, Honorable Associate Professor; Dr. Muhammad Abul Hasan, Honorable Associate Chairperson, MS. Shamima Akter, Honorable Assistant Professor, Convener, IAC and AAC Board alongside the committee members and both current and newly joined alumni.



Figure 8.11: A joyful meetup of alumni and teachers after successful completion of Alumni Executive Committee meeting.

The discussion allowed alumni to share their experiences and provided an opportunity for the faculty to offer guidance. During the conversation, several key concerns and suggestions emerged from our alumni community:

8.8. Successful Completion of "Chairperson Meets with First Semester Students Regarding Exam Preparation" organized by Mentorship Program, Dept. of CSE

- Professional Conduct: Alumni expressed a need for improvement in the behavior of administrative officers to enhance their interactions with students and alumni alike.
- Curriculum Focus: Alumni suggested placing more emphasis on lab-based courses, believing that practical experience is essential for bridging theoretical knowledge with industry demands.
- Convocation Scheduling: Many alumni expressed concerns about the convocation scheduling process. They recommended that an apology email be sent to alumni for any lack of clarity regarding tentative dates. Additionally, they suggested publishing a strong notice addressing this issue.
- Feedback Collection System: It was proposed that our university website include an online complaint and feedback system to streamline everyone's input and ensure continuous improvement.
- Regular Meetings with Chairperson: Alumni suggested scheduling meetings with the Chairperson once every three months. This initiative would facilitate better communication between the alumni and department leadership, allowing for continuous feedback and collaboration.
- Tuition Waivers for Relatives of Alumni: Alumni recommended that first-blood relatives of alumni should receive a significant waiver on their tuition fees. They also suggested that other relatives of alumni be granted a substantial waiver. This initiative would strengthen family ties within the university community and encourage a legacy of continued enrollment.

The meeting concluded on a positive note, with all participants feeling that their feedback had been heard and valued. We look forward to taking constructive steps to address these concerns and further strengthen our alumni community. Thank you for providing this platform for discussion and growth. Through such open and collaborative efforts, we can continue to foster a dynamic and supportive environment for all.

8.8 Successful Completion of "Chairperson Meets with First Semester Students Regarding Exam Preparation" organized by Mentorship Program, Dept. of CSE

The Mentorship Program of the Department of Computer Science and Engineering of the Green University of Bangladesh has organized a webinar titled "Chairperson Meets with First Semester Students Regarding Exam Preparation" on Sunday, 20th October 2024 at 10:30 AM, via Zoom platform.

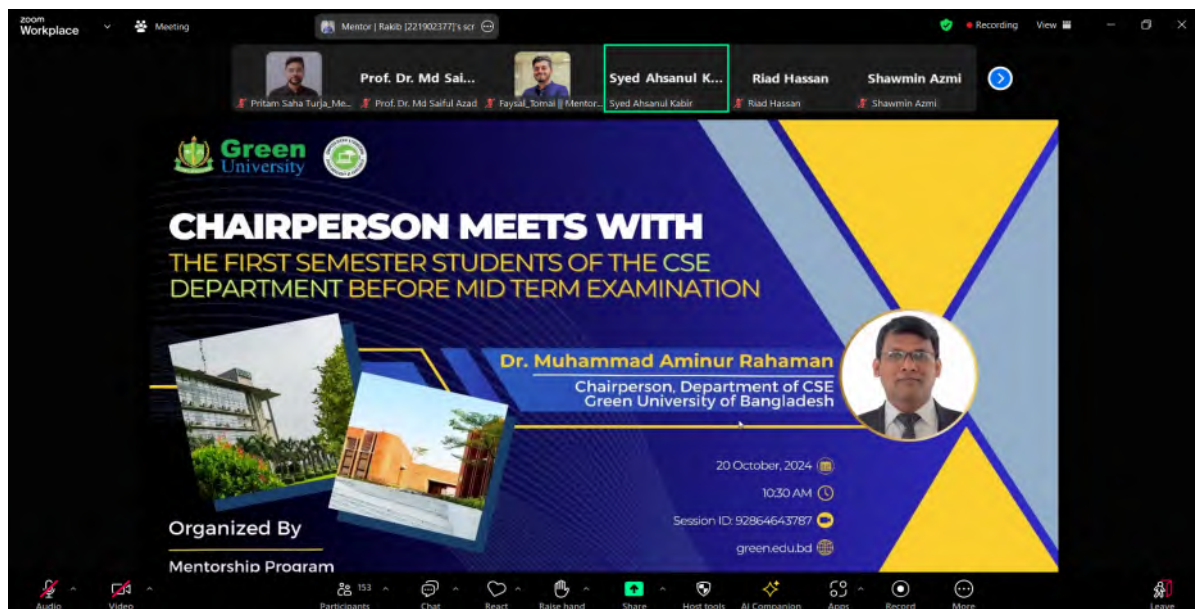


Figure 8.12: A webinar to meet the first semester students regarding the preparation of mid term exam organized by Mentorship Program, Dept. of CSE, GUB.

8.8. Successful Completion of "Chairperson Meets with First Semester Students Regarding Exam Preparation" organized by Mentorship Program, Dept. of CSE

The program was adorned by the presence of Prof. Dr. Md. Saiful Azad, Honorable Dean of FSE; Dr. Muhammad Aminur Rahaman, Honorable Chairperson, Department of CSE; Dr. Md. Mostafijur Rahman, Honorable Chairperson, Department of SWE & Exam Controller, Green University of Bangladesh; Syed Ahsanul Kabir, Honorable Associate Professor & Associate Chairperson (Academic & Students' Affairs); Prof. Dr. Md. Ahsan Habib Tareq, Honorable Professor, Department of CSE; Mr. Mohammad Khorshed Alam, Honorable Deputy Director, F&A, Senior faculty members of CSE department, Program Coordinators, Mentor Moderators, Mentors, and Mentees of CSE department were also present during the event with the guests.

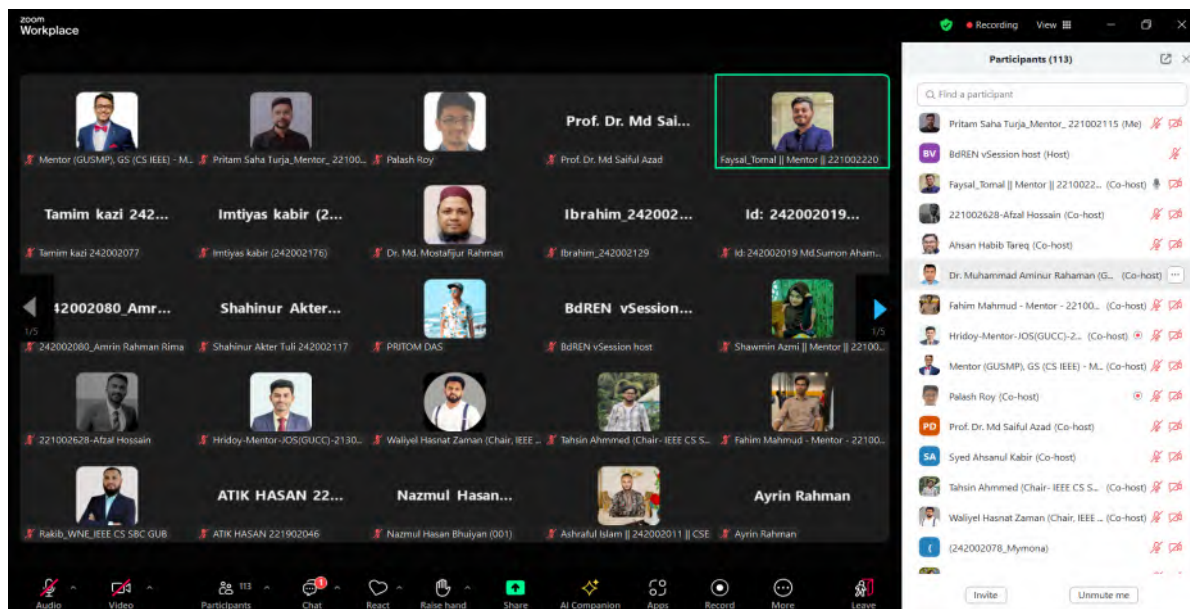


Figure 8.13: A snapshot of participants joined in the webinar through Zoom software.

The meeting was divided into two parts. The first part consisted of motivational and inspirational speeches from the faculty members and Mentors, while the second part involved a Question-Answer session to address the students' queries. The program was skillfully anchored by Faysal Hossain Tomal and Shawmin Azmin, Mentors of the Dept. of CSE.

The program commenced with an instructional speech by Tahsin Ahmmed, a mentor, Dept. of CSE. He shared his personal experiences and valuable tips to enhance exam preparation. Following that, Md. Riad Hossein, Lecturer and Program Coordinator delivered a speech on accessing help through the exam routine, admit card and provided instructions for conducting mid term exams.

Mr. Syed Ahsanul Kabir, Honorable Associate Professor & Associate Chairperson (Academic & Students' Affairs) inspired students to attend all their classes, take class notes, communicate with Course Instructors during counseling hours and emphasized the importance of exams in achieving a good CGPA. Prof. Dr. Md. Ahsan Habib, Honorable Professor guided the students to be future proof and cultivate their creativity. Afterwards, Dr. Md. Mostafijur Rahman, Honorable Chairperson, Dept. of SWE & Exam Controller addressed the distribution of marks for the mid-term examination and provided instructions regarding the code of conduct during exams. Prof. Dr. Md. Saiful Azad, Honorable Dean of FSE expressed his gratitude to the Mentorship Program Committee for organizing the session and emphasized the three most important phases of the exam which are pre-exam preparation, during-exam preparation, and post-exam preparation. Dr. Muhammad Aminur Rahaman, Honorable Chairperson, Dept. of CSE highlighted the significant assistance provided by the Mentorship Program in helping newcomers adapt to university life. He encouraged students to stay calm during exams, be well-prepared, and practice to avoid technical issues.

The second part of the program involved a Question-Answer session where students had the op-

8.9. "Chairperson Meets with High-Performing Students of the CSE Department" event by the CSE Department, GUB

portunity to ask their questions, and faculty members and administrative officers provided answers to address any confusion.

8.9 "Chairperson Meets with High-Performing Students of the CSE Department" event by the CSE Department, GUB

The Department of Computer Science and Engineering (CSE) of Green University of Bangladesh successfully organized the program "Chairperson Meets with High-Performing Students of the CSE Department" under the Mentorship Program on Sunday, December 8, 2024. The session was conducted via Zoom and began at 10:30 AM.

The session was chaired by the Honorable Chairperson of the Department of CSE, Dr. Muhammad Aminur Rahaman, and graced by the presence and inspiring speech of Professor Dr. Md. Saiful Azad, Dean, Faculty of Science and Engineering (FSE), Associate Chairperson Syed Ahsanul Kabir, Department of CSE, Professor Dr. Md. Ahsan Habib Tareq, Department of CSE. Along with these esteemed faculty members, other teachers and coordinators from both day and evening programs, as well as around 90 high-performing students, participated in the event.



Figure 8.14: Banner of the Webinar titled as Chairperson Meets with High-Performing Students of the CSE Department.

The event was anchored by Faisal Hossain Tomal and Shawmin Azmi, student mentors from the 221 batch. The session began with permission from the honorable Chairperson, Dr. Muhammad Aminur Rahaman, who warmly welcomed the attendees.

9

Conclusion

In conclusion, the Computer Science and Engineering (CSE) department at Green University of Bangladesh (GUB) stands as a beacon of excellence in the field of computational technology. With a steadfast commitment to providing high-caliber education and research opportunities, the department has garnered recognition both domestically and internationally. The success of its graduates in securing employment in reputable companies, pursuing higher studies abroad, and making significant contributions to the industry is a testament to the department's dedication to excellence. Furthermore, the department actively promotes intellectual exchange and professional development through a series of webinars, seminars, and workshops. These events provide students and faculty members with opportunities to interact with leading experts, stay updated on the latest trends and developments in the field, and enhance their skills and knowledge. Additionally, faculty research and various club activities further enrich the academic experience, fostering a culture of research, innovation, and community engagement within the department. With a focus on continuous improvement and innovation, the CSE department at GUB remains committed to shaping the future of computational technology and producing leaders in the field.

