



Department of Civil Engineering

University of Information Technology & Sciences (UITS)

OCTOBER 2024

Issue #1

FEEL

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BUILT

HEIGHT

INSIDE

Alumni Reunion

A day-long reunion program for the alumni of the Civil Engineering Department

Workshop on OBE

Training session for the faculty members on the teaching learning process.

UITS 2nd AutoCAD Drafting Competition

Students showcased their technical drafting skills



Newsletter 2024 | Issue #1

Welcome to the 2024 edition of the Civil Engineering Newsletter.



Annual Newsletter from the Department of Civil Engineering at UITS will offer a comprehensive overview of recent activities, achievements, and opportunities within the department and the broader civil engineering community. This inaugural edition promises to be a captivating compilation of insights, updates, and stories highlighting recent events. This will include such as seminars, workshops, webinars, and study tours that encapsulate the vibrant spirit and accomplishments of our esteemed department. Additionally, spotlighting achievements of the UITS family in civil engineering fields motivates current students and faculty, emphasizing the real-world impact and fostering excellence both locally in Bangladesh and globally. Furthermore, discussing 21st-century career tracks and opportunities in civil engineering offers valuable insights for students and professionals, as the evolving landscape, driven by emerging technologies, sustainability, and infrastructure challenges, shapes the industry's future.

As you navigate through the pages of this newsletter, we encourage you to explore, engage, and embrace the opportunities that ignite your passion, empowering you to sculpt the future of civil engineering for impactful change within our communities and beyond.



Day-long Civil Engineering Alumni Reunion Program Organized at UITS

15 September , 2023

The Department of Civil Engineering at the University of Information Technology and Sciences (UIT) hosted a day-long alumni reunion on September 15, 2023. The event was a diverse program organized under the initiative of UITS Civil Engineering Alumni Association with the overall cooperation of UITS Civil Engineering Club-USEC and all faculty of the department.

The reunion was filled with various activities. Seminars were held where alumni shared their experiences and insights on the field of civil engineering. Game shows were organized where alumni enjoyed playing games like carrom and tennis and received prizes for their participation and performance. Raffle draws were conducted and alumni had the chance to win exciting prizes. Cultural programs were a major highlight of the event where students showcased their talents in dancing, singing, reciting poetry, and acting. The popular band "Suprakash & Friends" also performed live music for the audience.

An exchange meeting was held where alumni interacted with each other and the current students and faculty of the department. They introduced themselves, their batches, and their workplaces and discussed their achievements and aspirations.

The inaugural meeting was held at the university's PHP Square, where Alhaj Sufi Mohamed Mizanur Rahman, the chairman of UITS Board of Trustees and founder of PHP family, joined virtually as the chief guest. He said,

"UIT is not just an institution. It is a family. You are all members of this family. I hope you will serve the country as good civil engineers and good people". He also announced the opening of the reunion program and wished the alumni all the best.



Other guests who attended the meeting included UITS Vice-Chancellor Professor Dr. Md. Abu Hashan Bhuiyan, Prof. Dr. Siraj Uddin Ahmed, Treasurer of UITS, Mohammad Kamrul Hasan, Registrar, Ms. Aysha Akter Assistant Professor and Head (Acting), Mr. Md. Tarikul Islam, Assistant Professor and Advisor, Students Welfare, Dhruv Alam, DTCA Deputy Transport Planner, and Civil Engineering Department Alumni and Assistant Professor Md Mohiuddin Ahmed. Also, faculty members and students of various departments of the university were present in the event.



Seminar on Multiple Career Tracks for Civil Engineers

12 June, 2023

On Monday, June 12, 2023, the Department of Civil Engineering at the University of Information Technology and Sciences (UITS) and the UITS Civil Engineering Club (UCEC) hosted a thought-provoking seminar. The event, held at the Ratnagarbha Tahmina Rahman Multipurpose Hall, was aptly titled "Multiple Career Tracks for Civil Engineers".

The seminar aimed to shed light on the diverse career opportunities available to civil engineers, a topic of great relevance to the students and faculty of the department. The keynote speaker for the event was Mr. Enayet Chowdhury, a respected Lecturer from the Institute of Water and Flood Management (IWFM) and a popular writer and researcher from the Bangladesh University of Engineering and Technology (BUET). Mr. Chowdhury's insights and expertise in the field added immense value to the discussions.



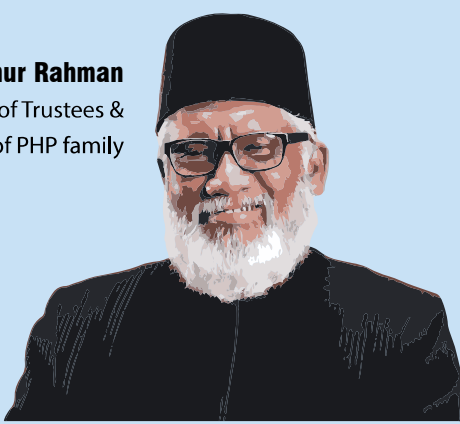
The event was graced by the presence of several esteemed members of the UITS faculty. Assistant Professor Ms. Aysha Akhter, the Acting Head of the Department of Civil Engineering, was in attendance. The Honorable Vice-Chancellor (Acting), Professor Dr. Md. Abu Hasan Bhuiyan, and the Honorable Treasurer of the University, Professor Dr. Sirajuddin Ahmed, also marked their presence. The Dean of the Faculty of Science and Engineering, Professor Dr. Md. Mazharul Hoque, was among the distinguished attendees.

In addition to the faculty, the seminar saw active participation from the students of the Civil Engineering and other departments of UITS. The advisor of Students' Welfare at UITS, Assistant Professor Md. Tarikul Islam, was also present, further enriching the discussions with his valuable inputs.

“How far you will reach in life depends on how much extra effort you put in life.”

- Alhaj Sufi Md. Mizanur Rahman

Chairman, UITS Board of Trustees &
Founder of PHP family



Announcement of New Committee at UCEC Club

31 May, 2023

On May 31, 2023, UITS UCEC Club held a special meeting at the Ratnagarbha Tahmina Rahman Multipurpose Hall of the University to announce its new committee. The meeting was attended by esteemed faculty members and students, including, Professor Dr. Md. Mazharul Hoque, Dean of Faculty of Science and Engineering, Dr. Md. Mahbubur Rahman, Head of the Department of Civil Engineering, Nazrul Islam Professor of IT department, Md. Tarikul Islam, Assistant Professor and Advisor, Students Welfare, Assistant Professor Saraban Tahura, Assistant Professor Mohiuddin Ahmed, and Lecturer, Subrata Roy of the Civil Engineering Department.



The new committee was introduced with Mominul Haque Rakib, a student of the 33rd batch of the Civil Engineering Department, taking the position as the President, and Md. Maruf stepping in as the General Secretary. The newly inducted committee members are anticipated to significantly contribute to co-curricular activities and real-life aspects, propelling the Department of Civil Engineering and UITS forward.

Dr. Nur Mohammad Shuman, EIT-The newly appointed Head of the Civil Engineering Department, UITS

21 March, 2024



Dr. Nur Mohammad Shuman, EIT joined the as the new Head of the Department of Civil Engineering in the University of Information Technology and Sciences (UITS). On March 21, 2024 Associate Professor Dr. Nur Mohammad Shuman took charge as the Head of Department of UITS Civil Engineering. Dr. Nur Mohammad Shuman served as an Assistant Professor at the Military Institute of Science and Technology (MIST) before joining the Department of Civil Engineering at UITS. Dr. Shuman received his B.Sc. in Civil Engineering from Bangladesh University of Engineering and Technology (BUET) and M.Sc. and PhD from Jackson State University, USA. Many of his research articles have been published in domestic and foreign journals. He is also a member of the Institute of Engineers Bangladesh (IEB) and the Institute of Civil Engineers (UK). Dr. Shuman seeks the cooperation for the improvement and prosperity of the Civil Engineering Department.

Rally of Civil Engineer on Global Road Safety

17 May, 2023

The Department of Civil Engineering at the University of Information Technology and Sciences (UITS) took a stand for safety during the 7th United Nations Global Road Safety Week 2023. In collaboration with the Center for Injury Prevention and Research, Bangladesh (CIPRB), the department organized a vibrant rally on May 17, 2023.



The rally, which began at 10 am, made its way around the university campus, spreading awareness and demonstrating commitment to road safety. The event was graced by the presence of several esteemed individuals including, Prof. Dr. Md. Abu Hashan Bhuiyan, Vice-Chancellor (Acting), UITS, Prof. Dr. Siraj Uddin Ahmed, Treasurer, UITS, Md. Mazharul Haque, Dean of the Science and Engineering Faculty, UITS, Dr. Md. Yasin Ali, Proctor, UITS, Md. Mahbubur Rahman, Head of the Civil Engineering Department (UITS), Md. Tarikul Islam, Student Welfare Advisor and Assistant Professor of Civil Engineering Department, UITS, Mr. Kazi Borhan Uddin, CIPRB Road Safety Project Manager, Mr. Mohammad Amirul Islam, Deputy Manager (Training), Mr. Mohammad Salim Mia, Mr. Md. Omar faruq, UITS Public Relations Officer.

The rally was a resounding success, with enthusiastic participation from students, faculty, and staff of the Civil Engineering Department. It served as a powerful reminder of the collective responsibility we all share in ensuring safer roads for everyone.

UITS Hosted 2nd AutoCAD Drafting Competition

3 November, 2023

The 2nd AutoCAD Drafting Competition, organized by the UITS Civil Engineering Club (UCEC) and the Department of Civil Engineering at the University of Information Technology and Sciences (UITS), took place on November 3, 2023. Sponsored by IronBuilt, with media partners the Daily Ittefaq and JagoNews24.com, the competition attracted participants from various universities in Dhaka. Participants received T-shirts and briefings before engaging in preliminary rounds in the university's supercomputer labs. The final round featured visits from Ms. Aysha Akter, Assistant Professor and Head (Acting) of the Department of Civil Engineering, and the Student Welfare Adviser and Md. Tarikul Islam.

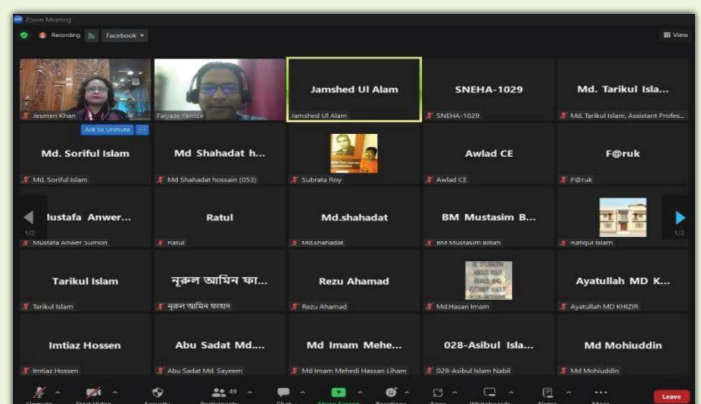


The prize distribution ceremony at the Ratnagarbha Tahmina Rahman Multipurpose Hall included Ms. Aysha Akter, Professor Dr. Md. Abu Hasan Bhuiyan (Vice-Chancellor), and Md. Tarikul Islam. Certificates were awarded by Ms. Aysha Akhter, and the Vice-Chancellor presented prizes to the top three winners: Abu Bakar Siddique (1st place, UITS), Moshir Rahman (2nd place, Presidency University), and Saidur Rahman (3rd place, University of Asia Pacific). Md. Tarikul Islam expressed hopes for future competitions, and Mominul Haque Rakib, the president of UCEC, concluded the event by congratulating participants and winners.

A Webinar on Career Guidance

30 December, 2023

In a remarkable display of academic engagement, the Department of Civil Engineering at UITS orchestrated a highly successful masterclass on the theme, "Unlock Your Potential in Civil Engineering!" This informative session, tailored for fresh graduates, took place on Saturday, December 30, 2023, at 11:00 AM. The event, graced by the presence of esteemed industry experts, Md. Jamshedul Alam: Secretary of Intl. Desk, UCEAA; Jesmen Khan: MP, PMI-RMP, PSM I, Entrepreneurship Essentials (HBS Online); Faiyaze Feroze: Strategic Planner, Primavera P6 Expert. The expert-led discussions, coupled with the presence of UITS faculty, created an enriching environment where participants were exposed to a diverse range of perspectives, equipping them with valuable insights for their future endeavors.



Head of the Department of Civil Engineering Ms. Aysha Akter, Advisor of Students' Welfare of UITS Md. Tarikul Islam, Assistant Professor Md. Hasan Imam, Assistant Professor Saraban Tohora, Lecturer Subrata Roy, Lecturer Rizvan Ahmed Rafsan along with the other faculty members were present at this technical session.

Educational Excursion to Bangabandhu Military Museum

12 October, 2023

On Thursday, October 12, 2023, a memorable chapter was added to the academic journey as the students of the Civil Engineering Department at UITS embarked on a fascinating study tour to the Bangabandhu Military Museum. The Bangabandhu Military Museum holds not only historical artifacts but also the heart and soul of our nation's struggle for independence. The students had the privilege of witnessing the legacy of the founding father of Bangladesh, Bangabandhu Sheikh Mujibur Rahman, whose vision and determination paved the way for our beloved Bangladesh.



As future civil engineers, this visit was a remarkable blend of history and engineering brilliance for the students. The museum itself is a testament to architectural ingenuity, offering insights into the engineering marvels that have shaped the nation. It was a profound experience for the students that left them with a renewed sense of gratitude and pride in their heritage. The faculty members of the Department of Civil Engineering and UITS Civil Engineering Club (UCEC) played a big role in arranging such a remarkable event.

Workshop on OBE for BAETE Accreditation

25 June, 2023

The Department of Civil Engineering at the University of Information Technology and Sciences (UITS) organized a workshop on "Teaching Learning Process in Outcome-Based Education (OBE)" on June 25, 2023. The workshop was aimed at preparing the department for the accreditation process by the Board of Accreditation for Engineering and Technical Education (BAETE) under the Institution of Engineers, Bangladesh (IEB).

The workshop was attended by Professor Dr. Md. Mazharul Hoque, Professor and Dean of the Faculty of Science and Engineering; Ms. Aysha Akter, Assistant Professor and Head of the Department of Civil Engineering; Md. Tarikul Islam, Assistant Professor and Advisor of Student Welfare; Md. Mohiuddin Ahmed, Convener of the Admission Taskforce; and all the remaining faculty members of the department.



The key resource person of the workshop was Assistant Professor Md. Hasan Imam, who had recently completed a three-day training program from the Bangladesh Accreditation Council (BAC). He presented and discussed various aspects of OBE, such as teaching learning strategies, principles of learning, teaching styles, categories and approaches, and general practices and documentation processes.

The workshop was intended to train the newly appointed faculty members to expedite their learning in OBE-based Program Outcomes (POs) and assessment strategies for the evaluation of courses of the Spring 2023 Semester, following the guidelines of the BAETE Accreditation Manual Version 2.1, 2022 (revised and updated).

MoU Signing Ceremony between UITS, AmarSource Ltd and RMS Eco Block Ltd.

21 August, 2023

On August 21, 2023, a Memorandum of Understanding (MoU) was signed between UITS, AmarSource Ltd, and RMS Eco Block Ltd. The collaboration aims to develop a concrete block-making machine to mitigate the environmental impact of clay brick fields and utilize local resources in Bangladesh.

The ceremony was attended by esteemed individuals from UITS, including Vice Chancellor Professor Dr. Md. Abu Hashan Bhuiyan, Treasurer Professor Dr. Siraj Uddin Ahmed, Dean of Faculty of Science and Engineering Professor Dr. Md. Ashraful Islam, Registrar Mohammad Kamrul Hasan, Additional Registrar Abu Zafar Md. Mohsin, and others. Representatives from AmarSource Ltd and RMS Eco Block Ltd were also present.

The MoU aims to provide students, faculties, and researchers with opportunities to broaden their learning and collaborative endeavors. This collaboration with experienced research scientists and professional practitioners will equip graduates with the necessary skills and training to meet societal needs and requirements.



UCEC Hosted Workshop on Public Speaking & Debate

2 October, 2023

UCEC and the Department of Civil Engineering at UITs organized a workshop on public speaking and debate skills on October 2, 2023. The workshop aimed to enhance the students' confidence, critical thinking, and communication abilities. The keynote speaker was Md. Iftekhairul Islam, ADC of Cantonment Zone, Gulshan Division, DMP. He shared his expertise on different debate styles and techniques of persuasion, such as ethos, logos, and pathos. He also gave tips on how to research, structure, and deliver effective speeches.



The workshop also honored the winners and participants of the "UCEC Intra-Department Debate Competition 2023", which was held on September 25, 2023. The workshop was attended by more than 100 students and faculty members from various departments of UITs. It was a great opportunity for the students to learn from a professional debater and improve their public speaking and debate skills.

Seminar on Dhaka Outer Ring Road project

21 July, 2023

The Department of Civil Engineering, UITs has organized a seminar on "Dhaka Outer Ring Road" on July 21, 2023, at Ratnagarbha Tahmina Rahman Multipurpose Hall. D M Ghius Malik, Deputy Traffic Engineer, DTCA, and Md. Tusher, Deputy Mass Transit Engineer, BRT and Project Manager, Feasibility Study on Dhaka Outer Ring Road, Eastern Western and Northern Part Project, DTCA were the keynote speakers of the program. Aysha Akter, Assistant Professor and Acting Head, Department of Civil Engineering, Md. Tarikul Islam, Assistant Professor and Advisor of Student Welfare, other esteemed Faculty members, and Students of the Civil Engineering Department participated in the program. The seminar will help students to understand the technical parts of the Dhaka Outer Ring Road Project and also different solution strategies as well as existing practices relevant to a mega project which will be beneficial for them to excel in their professional lives.



Mr. Phillip Jordan, from Managing Director and Principal Consultant at Road Safety International Visited UITs

29 May, 2023

Mr. Phillip Jordan, Managing Director and Principal consultant at 'Road Safety International' visited the Department of Civil Engineering, UITs on May 29, 2023. Dean of the Faculty of Science and Engineering Professor Dr. Md. Mazharul Hoque, Head of the Department of Civil Engineering Dr. Md. Mahbubur Rahman, Advisor of Student Welfare of UITs Md. Tarikul Islam, Director and Additional Registrar of UITs Abu Zafar Md. Mohsin and Faculty members of the Department of Civil Engineering welcomed Mr. Phillip at UITs. With 46 countries of work to date, and more on the horizon, Mr. Phillip offers a comprehensive international perspective to road safety audits, black spot investigations, roadside hazard management and road safety at roadworks.



Seminar on Development Project Proposal (DPP), Procurement and Project Management Practices in Bangladesh

26 May, 2023

Department of Civil Engineering, UITs had organized a seminar on "Development Project Proposal/Proforma (DPP), Procurement and Project Management Practices in Bangladesh" on May 26, 2023 at 3.00 PM at Ratnagarbha Tahmina Rahman Multipurpose Hall.

Mr. Nazrul Islam, Project co-ordinator, Innovation Consultant & Engineers and also a distinguished proud alumni of the Civil Engineering Department, UITs was the keynote speaker of the program. Dr. Md. Mahbubur Rahman, Associate Professor and Head, Department of Civil Engineering, Md. Tarikul Islam, Assistant Professor and Advisor of Student Welfare, Aysha Akter, Assistant Professor of Civil Engineering Department, Maqsuma Haque, Assistant Professor of Civil Engineering Department, Assistant Professor Saraban Tahora, Assistant Professor Dipa Sarker, other esteemed Faculty members and Students of Civil Engineering Department participated in the program. The seminar will help students in industrial attachment as well as project visits.

Hands-on Training on Drone Technology for Civil Engineering Survey

07 May, 2024

A Hands on Training titled "Drone Technology for Civil Engineering Survey" organized by the Civil Engineering Department of the University of Information Technology and Sciences (UITS) along with EDIFICE Consultancy Ltd., took place on Tuesday, 7th May, 2024 at the Conference room of UITS. The resource person for the training session was S M Tariquzzaman, Managing Director, EDIFICE Consultancy Ltd.



Honorable Vice Chancellor of UITS Professor Dr. Md. Abu Hasan Bhuiyan, Dean of the Faculty of Science and Engineering Dr. Md. Ashraful Islam, Head of the Department of Civil Engineering Dr. Nur Mohammad Shuman, Advisor of Student Welfare of UITS Md. Tarikul Islam, Head of the Department of CSE Mr. Al-Imtiaz, Lecturer of the Department of Civil Engineering Subrata Roy and Lecturer Md. Abdul Wahab were present in the session.

Attending this training, the participants learned about the insights of Drone technology and its practical application on Civil Engineering surveys. Students from the Civil Engineering Department actively participated in this training session.

Webinar on Basics of RC Building Design Following BNBC- 2020

08 Jun, 2024



The Department of Civil Engineering, UITS organized an online webinar on "Basics of RC Building Design Following BNBC- 2020" for current students and Alumni on 08 June, 2024.

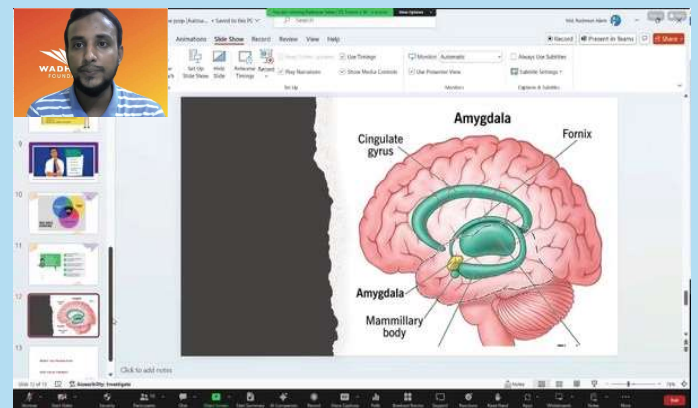
Mr. Jahid Hasnain, Sub- Divisional Engineer, Design Division- 2, Public Works Department was the keynote speaker of the session. This was an informative webinar on the basics of Reinforced Concrete (RC) building design, guided by the comprehensive standards of the Bangladesh National Building Code (BNBC) 2020. This session was an excellent opportunity for students and aspiring them to enhance their knowledge and technical skills in the field of structural engineering. The speaker emphasized the methods of structural analysis and design criteria necessary for creating safe and stable buildings. Attending the webinar, the participants also learnt how to apply theoretical knowledge to real-world scenarios.

Advisor of Students Welfare of UITS Md. Tarikul Islam was also present in the session. Students and Alumni of the Department of Civil Engineering participated in the session.

Webinar on Employability Skills Development Training by UITS and Wadhwani Foundation

21 May, 2024

The Department of Civil Engineering, UITS and Wadhwani Foundation jointly organized an online Employability Skills Development Training for current students and fresh graduates on 21 May, 2024.



Mr. Radowan Islam Trainer, SEA Employability Skills Development, Wadhwani Foundation was the keynote speaker of the training session. He discussed the importance of skill development for a better career. The speaker emphasized how continuously upgrading our skills can enhance employability, ensure job security, and open doors to new opportunities. It's a reminder that investing in ourselves through learning is crucial for both personal and professional growth.

Advisor of Students Welfare of UITS Md. Tarikul Islam and Lecturer of Department of Civil Engineering Subrata Roy were present in the session. Students of Department of Civil Engineering participated in the Training session.

Industrial tour of final year students to PHP Ispat Ltd.

18 May, 2024

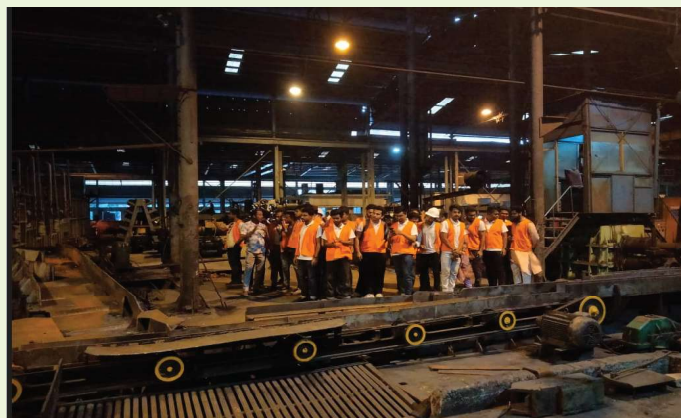
The Department of Civil Engineering, UITS always aims to give its students hands-on, industry-relevant experience in addition to classroom instruction. In support of this endeavor, final year students of UITS Civil Engineering Department visited PHP Ispat Limited in Narsingdi, Bangladesh, on May 18, 2024.



Students of Final Year went to the industrial visit under the instructions of two respected faculty members Md. Tarikul Islam (Advisor of Students Welfare of UITS and Assistant Professor) & Subrata Roy (Lecturer of Department of Civil Engineering).

The operational Director of PHP Ispat Limited described the complete operational process to the students. Students recorded the information on different parts of the plants and learnt about the operational procedure of rebar production. Industry affiliation with academia is crucial for BAETE accreditation, as it ensures that educational programs are aligned with industry standards and practices. Such tours provide practical insights that bridge the gap between theoretical knowledge and real-world application.

The Honourable head of the Department of Civil Engineering Dr. Nur Mohammad Shuman assured the students that such initiatives of industrial visits will continue from now on.



A seminar on Addressing Complex Engineering Problem through Capstone Project

01 April, 2024

A workshop titled "Addressing Complex Engineering Problem through Capstone Project" organized by the Civil Engineering Department of the University of Information Technology and Sciences (UITs), took place on Monday, 1st April, 2024 at the Conference room of UITS. The resource person for the workshop was Dr. Sheikh Mokhlesur Rahman, Associate Professor, Department of Civil Engineering, BUET and Additional Director, IQAC, BUET.



Honorable Vice Chancellor of UITS Professor Dr. Md. Abu Hasan Bhuiyan, Treasurer of the University Professor Dr. Siraj Uddin Ahmed, and the Dean of the Faculty of Science and Engineering Dr. Md. Ashraful Islam, Associate Professor & Head of the UITS Civil Engineering Department Dr. Nur Mohammad Shuman, along with all faculty members were also present in the workshop.

Attending this workshop, the participants learned about the insights of complex engineering problems and capstone projects which are very fundamental for the accreditation of different engineering programs. Students from the Civil Engineering Department actively participated in this workshop.

Quiz on Complex Engineering Problem

"A CONSTRUCTION COMPANY IS GOING TO MANUFACTURE PRECAST ELEMENTS FOR A PROJECT. IT IS REQUIRED THAT THE CONCRETE IN THE PRECAST ELEMENTS ATTAIN 35 MPA IN 7 DAYS. DESIGN A MIX FOR LEAST COST. THE MIX SHOULD COMPLY WITH THE BNBC."

UPLOAD THE SOLUTION IN PDF FORMAT WITHIN 31 DECEMBER 2024 AT GOOGLE FORM LINK.



[HTTPS://FORMS.GLE/GXU5UQBdyTBMIGTK6](https://forms.gle/GXU5UQBdyTBMIGTK6)

"PARTICIPANT WITH BEST SOLUTION WILL GET PRIZE AND CERTIFICATE FROM CE DEPARTMENT."

American Concrete Institute reconized UITs Student Chapter

March 18, 2024

University of Information Technology & Sciences has recognized as the seventh university in Bangladesh by American Concrete Institute (ACI).

On March 18, 2024, the Department of Civil Engineering officially started its activities by forming ACI UITs Student Chapter.



The American concrete Institute (ACI) is leading global authority for development dissemination and adoption of its consensus based standards technical resources and educational training and certification programs.

Assistant Professor of Department of Civil Engineering Md. Hasan Imam as Advisor, KM Tanveer Hasan as President, Hasibul Islam, Selim Reza, Awlad Hasan as Vice President and Ferdous Islam as General Secretary with 28 members, The committee has been constituted. ACI has over 200 student chapters around the world. Get involved to develop leadership skills, increase concrete knowledge, and networking camaraderie!

ACI UITs Student Chapter is committed to research and working to address the challenges of sustainable concrete production.

UITs participated in CENNOVATION 2024 at IUT

04 May, 2024



Students of the Department of Civil Engineering, UITs participated in CENNOVATION 2024, one of the largest Civil Engineering Festival of Bangladesh.

The event CENNOVATION, serves as a platform for students to showcase their innovative ideas and technological advancements, aiming to address engineering challenges for sustainable development. Over 900 students from twenty-five public and private Universities participated in Cennovation-2024. By taking part in the program, they enhanced their innovative thinking, which will eventually lead to greater success in their future endeavors.

Congratulations to Our Debate Competition Champions! Team “উভয়সংকট”

16 May, 2023

We are thrilled to extend our warmest congratulations to the brilliant minds of উভয়সংকট, who emerged victorious in the recent debate competition. Their unwavering dedication, unmatched eloquence, and unparalleled teamwork have propelled them to this well-deserved triumph

The chief guest Honorable Vice Chancellor of UITs Professor Dr. Md. Abu Hasan Bhuiyan, Registrar Mohammad Kamrul Hasan, Treasurer of the University Professor Dr. Siraj Uddin Ahmed, and the Dean of the Faculty of Science and Engineering Dr. Md. Ashrafur Islam were also present in the final debate competition. Under the Chairmanship of Assistant Professor Ms. Aysha Akter, three judge panel Assistant professor Md. Hasan Imam. Assistant professor Saraban Tohora and Assistant Professor Dipa Sarker mam.

Also The Head of the UITs Civil Engineering Department Associate Professor Dr. Nur Mohammad Shuman, Advisor of Student Welfare of UITs Md. Tarikul Islam, Assistant Professor Maqsuda Haque, Lecturer Subrata Roy, Lecturer Abdul Wahab Sobuj, Lecturer Afrad Ibn Harun, Lecturer Nafisa Anjum Rimi and Lecturer Hosnara Begum were also present at the debate competition



UITS Hosts Seminar on the Socio-Economic Aspects of Matarbari Port Development Project

12 May, 2023



The Civil Engineering Department of the University of Information Technology and Sciences (UITS) recently hosted a seminar titled 'Socio-Economic Aspects of Matarbari Port Development Project'. The event took place at 4.00 pm on Friday, May 12, 2023, at the Ratnagarbha Tahmina Rahman Multipurpose Hall of the University. The keynote speaker for the seminar was Mr. Md Tanimul Haque, Executive Engineer of the Roads and Highways Department and Project Manager of the Matarbari Port Development Project. Other notable participants included Dean of the Science and Engineering Faculty, Md. Mazharul Haque, Assistant Professor Md. Tariqul Islam of the Civil Engineering Department and Student Welfare Adviser of UITS, and Deputy Director of the Dhaka Transport Coordination Authority, Mr. Dhruv Alam.

In his welcome speech, Dean Md. Mazharul Haque emphasized the importance of such seminars in preparing students for their careers. He noted that these activities provide students with various experiences, including the opportunity to visit various projects. The seminar was well-attended by faculty members and students of the Civil Engineering Department. A lively question and answer session concluded the event.

Team CIVILIANS champion of the Intra-Varsity cricket tournament organized by UITS EEE Club

29 February, 2024



Congratulations to Team CIVILIANS on clinching the championship in the Intra-Varsity cricket tournament organized by UITS EEE Club (UEC)!

Outstanding performance by Team CIVILIANS in the final against the Team Noob Butchers. Congratulations to Md. Shakil Hossain, not only for leading the team to victory but also earning the title of Man of the Final and Man of the Tournament!

Webinar on Civil Engineering Infrastructures in Germany

27 May, 2023

Department of Civil Engineering, UITS had organized a grand webinar on "Civil Engineering Infrastructures in Germany" on 27 May, 2023 at 2.30 pm via online Zoom application. The students and faculty members of Civil Engineering Department of UITS participated at this technical session.



Dean of Faculty of Science and Engineering Professor Dr. Md. Mazharul Hoque, Head of the Department of Civil Engineering Dr. Md. Mahbubur Rahman, Advisor of Student Welfare of UITS Md. Tarikul Islam, Assistant Professor Md. Hasan Imam and Lecturer Subrata Roy were present at this technical session. Two distinguished Proud Alumni of Civil Engineering Department, UITS, Mr. Muminul Haque Raihan, Civil Engineer and Transport Planner, biechele infra consult, Germany and Mr. Imam Hossain Structural Design Engineer, Dröbller GmbH Umwelttechnik, Germany were keynote speakers of the session. They shared their professional experiences as well as scopes of higher studies in Germany with current students of UITS.

UCEC got New Committee

07 February, 2024

8th UCEC Executive Committee-2024

Congratulations to all the newly elected and selected members of the UITS Civil Engineering Club (UCEC)! Your dedication and commitment to the field of civil engineering have been recognized by your peers, and it's a testament to your skills and leadership qualities.



As you embark on this journey, remember to embrace teamwork, foster innovation, and continue to uphold the highest standards of professionalism in your endeavors. This is an exciting chapter in your academic and professional development, and I wish you all the best in your roles within UCEC

Seminar on Sustainable Building Materials and Solution.

16 March, 2023

The Department of Civil Engineering, UITS hosted a seminar on sustainable building materials and solution on March 16, 2023. The seminar was held at Ratnagarbha Tahmina Rahman Multipurpose Hall and attended by the Vice Chancellor, the Treasurer, the Dean of Faculty of Science and Engineering, and other faculty members and students of the department. The keynote speaker was Fakhruddin Md. Khan, Head of Technical Services at LafargeHolcim Bangladesh Limited, who shared his industrial and professional experiences in his presentation. Mohammad Iqbal Chowdhury, CEO of LafargeHolcim Bangladesh Limited, also joined the seminar as a special guest. The seminar aimed to raise awareness and knowledge about the latest trends and innovations in sustainable building materials and solutions.



Technical seminar on Advanced Technology and Green Materials for Sustainable Cement Production.

27 February, 2023



On February 27, Tuesday, 2024 at 10.30 am, a seminar titled "Advanced Technology and Green Materials for Sustainable Cement Production" was organized by the department of Civil Engineering, University of Information Technology and Sciences (UITS), at Ratnagarbha Tahmina Rahman Multipurpose Hall of the University.

Dr. Md. Abu Hasan Bhuiyan, The Honorable Vice-Chancellor of the University took the seat of the chief guest in the seminar. Mohammad Rezaul Karim, Deputy GM (Quality Assurance) of Eastern Cement was present as the keynote speaker. Honorable Vice-Chancellor Professor Dr. Md. Abu Hasan Bhuiyan said in the speech of the chief guest that all the chemicals used in the manufacture of cement are harmful to human health. As we build our homes and industries with cement, a race has begun to find out how to produce eco-friendly cement using less harmful chemicals. The students of civil engineering department of our university should also have an idea about how to reduce the environmental damage due to the use of cement. He wished the success of this seminar and thanked everyone.

In the speech of the main speaker, Deputy GM (Quality Assurance) of Eastern Cement Mohammad Rezaul Karim discussed in detail about cement production process, distribution system, research area and what opportunities are there in the context of our country, how to produce environmentally friendly cement using less harmful chemicals. Later he answered various questions of the students and thanked everyone present.

Honorable Treasurer of UITS Professor Dr. Siraj Uddin Ahmed, Md. Ashraful Islam, Dean, Faculty of Science and Engineering and Mr. Mohammad Kamrul Hasan, Registrar were present as special guest in the seminar. Ms. Aysha Akter, Head (Acting), Department of Civil Engineering, Mr. Md. Tariqul Islam, Assistant Professor, Department of Civil Engineering and Student Welfare Adviser, all the teachers and students of Civil Engineering Department, Public Relations Officer Mr. Md. Saiful Islam and all officers-employees were also present. The seminar was conducted by Abdul Wahab Sabuj, Lecturer, Department of Civil Engineering.

The American Concrete Institute is a Leading global authority for the development dissemination and adoption of its consensus- based standards, technical resources and educational , training & certification programs. American Concrete Institute (ACI) founded in 1904, ACI is headquartered in Farmington Hills, Michigan, USA. ACI has over 260 student Chapters.

The ACI UITS Student Chapter is a dynamic organization operating under the American Concrete Institute (ACI). at the University of Information Technology & Sciences (UITS). ACI UITS Student Chapter officially recognized on 14 March, 2024. It serves as a platform for students of the department of Civil Engineering, particularly those in Faculty of Sciences and Engineering, to engage in academic and professional activities related to concrete technology, civil engineering, and construction. The chapter organizes various events, workshops, and competition such as Olympiads, Article Writing, Poster Presentations, and hands on demonstrations like Mortar Workability competition.

Though these activities, students are encouraged to enhance their knowledge, network with professionals, and develop practical skills.

MOU Signing Ceremony between the Department of Civil Engineering, UITS and Transfotech Global Bangladesh.

24 September, 2024



On 24 September 2024, a significant Memorandum of Understanding (MoU) signing ceremony took place at the conference room of the University of Information Technology and Sciences (UITS). The Department of Civil Engineering, UITS, and Transfotech Global Bangladesh formalized a collaboration aimed at enhancing the connection between industry and academia.

The agreement is designed to address key objectives such as comprehensive training and skill development, industry internships, joint Post Graduate Diploma (PGD) programs, on-the-job training, and campus-based training for fresh graduates. This partnership also opens doors for student placements in foreign universities through credit transfer programs, expert contributions to the university's academic syllabus improvement, and awareness sessions on emerging technologies.

This MoU will help UITS students by providing direct access to industry-relevant training and internships, improving their employability. It also opens pathways to international placements and offers on-campus training, giving them the skills and opportunities necessary to thrive in a competitive job market.

This collaboration will empower UITS students with practical skills that are crucial for the job market, while fostering innovation and bridging the gap between academia and industry in Bangladesh.

MOU Signing Ceremony between the Department of Civil Engineering, UITS and Edifice Consultancy Ltd.

06 October, 2024

On 06 October, 2024, a significant Memorandum of Understanding (MoU) signing ceremony took place at the conference room of the University of Information Technology and Sciences (UITS). The Department of Civil Engineering UITS, and Edifice Consultancy Ltd. formalized all UITS collaboration aimed at enhancing the connection between industry and academia.



Edifice Consultancy Ltd. and Department of CE, UITS will jointly work towards the development of capacity building programs, workshops, and seminars aimed at enhancing the skills and knowledge of students, and professionals in Civil Engineering disciplines. They will conduct specialized training programs, courses, post graduate diploma and any other relevant certified program in collaboration with Department of CE, UITS leveraging the academic resources and infrastructure available at UITS.

This MOU serves as a framework to enhance synergy between academic institutions, facilitate Industrial Internship, Job Placement of fresh graduates and industry, promoting innovation and practical application of research findings.

Dr. Nur Mohammad Shuman, Associate Professor and Head of the Department of Civil Engineering, UITS, and SM Tariquzzaman, Managing Director Edifice Consultancy Ltd. , signed the MoU on behalf of their respective organizations. The ceremony was witnessed by, Md. Tarikul Islam, Assistant Professor and Proctor of UITS, Md. Rubayat Azam, Director, Engineering Construction and Consultancy Edifice Consultancy Ltd. Faculty members of the Civil Engineering Department were present in the signing ceremony.



Study Tour 2024 UITS to Cox's Bazar



Study Tour 2024 UITS to Cox's Bazar



UCEC Club Election 2024



UCEC Club Election 2024



Iftar & Dua Mahfil



Thesis Defense Autumn 2023 Batch 33



Student Teacher Interaction



UCEC Intra-Department Football Tournament



Drone Technology Survey Training



Debate Competition

CIVIL ENGINEERING RESEARCH INSTITUTE [CERI]

Civil Engineering program is in need of a thorough research in the undergraduate study. This may be experimental investigations, slope stabilities, sustainable technologies or load analysis. To encourage students for research work, Department of Civil Engineering, University of Information Technology and Sciences has established a research wing named "CIVIL ENGINEERING RESEARCH INSTITUTE (CERI)" in March 2019.

**"NO RESEARCH WITHOUT ACTION,
NO ACTION WITHOUT RESEARCH"**
- KURT LEWIN

MISSION

- *Partners with the research community to create a culture of high achievement
- *Promotes shared responsibility, the ethical conduct of research, and compliance
- *Enhances researchers' abilities to obtain and manage grants
- *Strategically invests in promising research and researchers
- *Creates integrated services, transparent research administration, infrastructure, and streamlined processes
- *Supports strong infrastructure for interdisciplinary research

VISION

To be a reliable research institution, with an international reputation while paying attention to local values in the development, with the application civil engineering to improve the quality of life and civilization.



RESEARCH AREAS



Structural Engineering is the art of economically designing buildings, bridges and other structures.



Geotechnical research provides insight into the interaction and performance of structures with earth, such as bearing failures, settlement damage.



Transportation engineering refers to plan, design, build, operate and maintain the systems of transport.



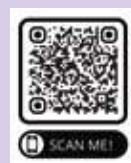
Environmental engineering focuses on the ways to minimize the effects of pollution, global warming, acid rain, automobile emissions, ozone depletion etc.

**WE EMPOWER YOUR AMBITION TO
BECOME A FUTURE LEADER IN THE
FIELD OF CIVIL ENGINEERING!**

For any queries & guideline



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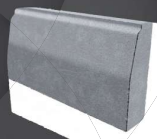
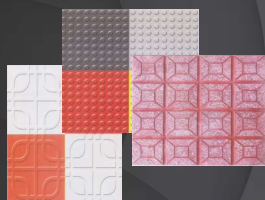
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Govt. & UGC Approved

UITs

An initiative of PHP Family

University of Information Technology & Sciences

Future will be better than thy past

The Department of Civil Engineering, UITs offers four years Bachelor of Science in Civil Engineering program and is currently running semester (six-month term) system according to the guidelines of the University Grants Commission (UGC). The total credits required for the Bachelor of Science (B.Sc.) in Civil Engineering at UITs is 147.0 credits for students having HSC in science or a recognized equivalent certificate.

The vision of the Department of Civil Engineering is to achieve excellence in quality higher education, research, innovation and societal services with the intention that our graduates will act as agents to make an impact in the society as professionals, academics and innovators for sustainable development.

Scholarship & Waiver Policy

100%

A+ in all subject in SSC & HSC (Conditions apply)
For the rest 50%

40%

For GPA 10 in SSC & HSC
For GPA 9.0 in SSC & Diploma

30%

For GPA 9.5 in SSC & HSC
For GPA 8.5 in SSC & Diploma

20%

For GPA 9.0 in SSC & HSC
For GPA 8.0 in SSC & Diploma

15%

For GPA 8.5 in SSC & HSC
For GPA 7.5 in SSC & Diploma

10%

For GPA 8.0 in SSC & HSC
For GPA 7.0 in SSC & Diploma

75%

For physically challenged students

20%
For Siblings

20%
For Spouses

Up to
100%
Scholarships

✔ **Sufi Mizanur Rahman Foundation Scholarship Fund**
(For meritorious students suffering from financial hardship)

✔ **Ratnagarbha Tahmina Rahman Scholarship Fund**
(Based on semester results)

✔ **Hon'ble Chairman/BoT/Vice Chancellor's Scholarship**

* Terms and conditions apply



Permanent Campus
with World Class
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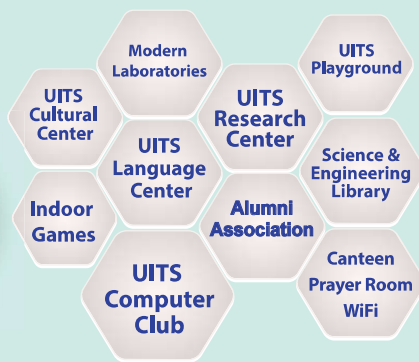
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Faculty Members
with Foreign
Degrees.



Quality
Education
at
Affordable
Cost



B.Sc. in Civil Engineering

Total 147 Credits | 6 Months Semester

Curriculum Structure	Credits
General Education Courses	9.0
Interdisciplinary Courses	4.0
Basic Sciences	11.0
Mathematics	12.0
Core Courses	92.5
Elective Courses	11.0
Thesis	4.5
Capstone Project	3.0
Total	147.0

Admission Eligibility

According to the UGC rules applicants must have at least 2nd Division or GPA 2.5 in both SSC and HSC (or equivalent). If there is any GPA 2.00 in SSC/HSC (or equivalent) then the total GPA must

- be GPA 6.00.

For O level & A level, at least for 5 subjects in O level and 2 subjects in A level, the applicants must have GPA 4.00 or B Grade

- in 4 subjects & GPA 3.5/C Grade on the other 3 subjects.

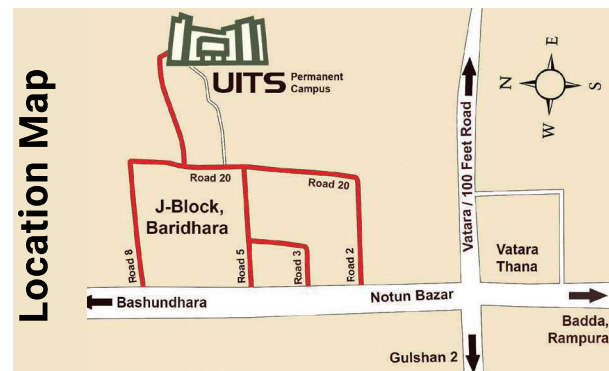
For Freedom Fighters' children, the total GPA may be considered

- as 5.00 for each applicant

Diploma holders must have at least GPA 2.5 in SSC and at least CGPA 2.5 in diploma.

Total Cost

Admission Fees (One Time)	Tk.
Application Form	500
Admission Fees	12,000
Student Welfare	200
Other Fees (Per Semester)	5,500
Including Library Fees, Laboratory Fees, Transportation Fees, and Co-curriculum Fees	
Students Having HSC (Science) /Equivalent Certificate	
Tuition Fees (Per Credit)	3,000
Total Tuition Fees (147.0 Credits)	4,41,000
Total Program Cost	4,97,700



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