

# ELEVATE



Half Yearly e-newsletter of CED

Volume 1, Issue 1, December, 2025



The Department of Civil Engineering, Barak Valley Engineering College, proudly introduces “ELEVATE”, a platform that represents our commitment to quality education, innovation, and service to society. This inaugural issue marks the start of a meaningful journey to highlight the department’s achievements, activities, and future aspirations.

## About the Department:

The Civil Engineering Department started its journey in August 2020. Currently, the department offers a Bachelor of Technology (B.Tech) degree under Assam Science & Technology University (ASTU), Guwahati, with an annual intake capacity of 60 students. It also has provision for Lateral Entry Students who can join B.Tech Courses after acquiring Diploma in the same or allied branch. The Department aims at providing best of the concepts to its student so that they can effectively contribute to the planning, design, construction, and sustainable development of modern infrastructure and the built environment, including works such as bridges, roads, canals, dams, and buildings. The Department has qualified , dynamic faculty along with state-of-the-art infrastructure that helps the students to build a career as Civil Engineers and can be employed in all the major construction projects carried out by the state or central government, the railways, private construction companies, military, engineering services, consultancy services, etc.

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### Advisor:

*Dr. Diganta Goswami, Professor and Principal (in-charge),CED*

### Editors:

*Mr. Baharul Hussain, Assistant Professor and Head of Department (in-charge),CED*

*Mr. Aftab Alam Akand , Miss. Anusmita Nath and Mr. Anshuman Talukdar*

**Principal's message**

Greetings from the Principal's Desk!!  
 I express my delight and satisfaction in launching the "ELEVATE", the E-Newsletter of the department of Civil Engineering of Barak Valley Engineering College. My heartfelt congratulations and thanks to the editorial board, students and faculties of Civil Engineering Department of BVEC for their arduous task in bringing the newsletter to fruition. ELEVATE is going to be a vital communication tool and a mirror that reflects departmental activities, achievements and the holistic development of students. E-Newsletter is a part of a lifelong learning process that enriches minds and I invite more students and faculties to use the platform to express their creativity and share their academic experiences.

*Regards,*  
*Dr. Diganta Goswami*  
*(ME, PhD, MISTE, MIGS, MASET, MICI)*

**HOD's message**

It is a matter of great happiness to introduce ELEVATE, the first-ever newsletter of the Civil Engineering Department of Barak Valley Engineering College. This newsletter marks a meaningful step towards documenting and sharing the academic and co-curricular activities of our department.

"ELEVATE" brings together departmental news, academic events, student achievements, workshops, site visits, and other important milestones that reflect the collective efforts of our students and faculty. Civil engineering is a field rooted in practical learning and teamwork, and this newsletter aims to capture those experiences beyond the classroom in a simple and engaging manner.

The objective of ELEVATE is to keep students, faculty members, alumni, and well-wishers connected by providing a brief yet informative snapshot of departmental activities throughout the academic year. It also encourages students to participate in coordination, documentation, and communication—skills that are essential for their professional growth.

I sincerely appreciate the efforts of the faculty members and the student editorial team whose dedication and enthusiasm have made this inaugural issue possible. Their hard work is clearly reflected in the pages of this newsletter.

I am confident that ELEVATE will continue to grow with each edition and become a valued record of the progress and achievements of the Civil Engineering Department of Barak Valley Engineering College. I wish the team every success in this new initiative.

*Regards,*  
*Mr. Baharul Hussain,*  
*HOD(in-charge), Department of Civil, BVEC*

DEPARTMENTAL ACTIVITIES

- On 4th April, 2025, the departmental wall magazine was displayed as part of the intra-college departmental magazine event.
- B.Tech 8<sup>th</sup> Semester project progress seminar & Viva-Voce was held on 29<sup>th</sup> April 2025 at Civil Engineering Seminar Hall, of BVEC.
- B.Tech 8<sup>th</sup> Semester final project seminar & Viva-Voce was held on 04<sup>th</sup> and 5<sup>th</sup> June 2025 at Civil Engineering Seminar Hall, of BVEC.

Departmental wall magazine.



- On 26th August 2025, the Civil Engineering Department organized the Freshers' programme to warmly welcome the batch of 2029, marking the beginning of their academic journey in the department.
- The Teacher's Mobility Program was held from 15th September 2025 to 19th September 2025, during which renowned teachers from engineering colleges across Assam visited the Civil Engineering Department of Barak Valley Engineering College.



Teachers Mobility Program.

Dr. Atanu Kumar Dutta with students during Geotech Lab



Dr. Santanu Pathak with 7th Sem students



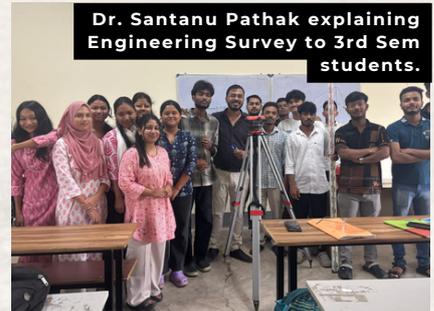
Dr. Santanu Pathak with 5th Sem students



Mr. BhaskarJyoti Das with 5th Sem students



Dr. Santanu Pathak explaining Engineering Survey to 3rd Sem students.



DEPARTMENTAL ACTIVITIES

- Under initiative of Director of Technical Education, Civil Engineering Department of Barak Valley Engineering College along with 27 other technical institutes of Assam, received a Total Station equipment. A hands-on training was held at Barak Valley Engineering College, with the newly purchased Total Station on 6th October 2025.
- Under the active persuasion and efforts of Principal Barak Valley Engineering College, Dr. Diganta Goswami and faculties of Civil Engineering Department, the department is able to set up a Concrete Lab, a Hydraulics Lab, a Transportation Lab, a Geotechnical Lab, a Computer Lab and an Environmental Lab. The department of Civil Engineering is continuously working towards enhancing the efficiency, quality and capacity of these laboratories.

Total Station training session



Core Cutter laboratory test



Engineering survey lab



- The Standard Penetration Test was conducted on 4th of November 2025 under the guidance of the respected Principal Sir and the teachers of the Civil Engineering Department.
- Class test-II for all the ODD semesters of Civil Engineering Department was held from 17<sup>th</sup> to 19<sup>th</sup> November 2025.
- The Social Internship presentation of the 3rd semester was held on 3rd December, the Academic Internship presentation of the 5th semester was held on 22nd December, and the Industrial Internship presentation of the 7th semester was held on 23rd December, 2025.
- The 7th semester project presentation was held on 26th and 27th December 2025.

Standard Penetration Test



Academic Internship Presentation



Social Internship Presentation



Industrial Internship Presentation



## FACULTY ACTIVITY

- **Dr.Diganta Goswami** , co-authored an international journal article along with Dr. Nabanita Sharma and Dr. Jayanta Pathak titled “Geotechnical Characterization and GIS-Integrated soil Zonation for Urban Planning in Guwahati City, North-East India,” Published in the Bulletin of Engineering Geology and the Environment (Volume 84:483) by springer-Verlag GMBH, Germany, part of springer Nature. <https://doi.org/10.1007/s10064-025-04523-5> .



- Dr. Diganta Goswami co-authored a research paper with P.K Singh, titled “Characterisation of Pare Rock Mass in North East India using various Classification Systems”, published in the Journal of Institute of Engineers (India) Series-A, Springer Nature. <https://doi.org/10.1007/s40030-025-00904-x> (24<sup>th</sup> June 2025).
- Participated in the " Training Programme on Leadership, Management and Governance for Educational Administrations of Engineering College and Polytechniques in the state of Assam", on 25<sup>th</sup> , 26<sup>th</sup> and 27<sup>th</sup> of November,2025, organised by Directorate of Technical Education, Assam.

- **Mr.Baharul Hussain**, Assistant Professor,Participated in a Two-week Faculty Development Program on “Transforming Water Resources Management, Traffic and E-Mobility with Quantum Computation and AI”, jointly organized by Electronics and ICT Academy, NIT Patna under the “Scheme of financial assistance for setting up of Electronics and ICT Academies, (Phase-II)” by the Ministry of Electronics and Information Technology (MeitY), Government of India from 17th February-28<sup>th</sup> February. 2025.



- Participated in a One-week Faculty Development Programme on “Sustainable Infrastructure Development” organized by Department of Civil Engineering, Netaji Subhas University of Technology, West Campus from 26<sup>th</sup> to 30<sup>th</sup> May 2025.



- Attended a Workshop on “Research initiatives in the State Engineering Colleges and Polytechnics of Assam” held on 09<sup>th</sup> September, 2025 at Assam Administrative Staff College, Khanapara, Guwahati-19.

- Participated in Two days long “Induction Training Programme for the Newly Appointed Assistant Professors of State Engineering Colleges”, organized by Director of Technical Education, Assam held from 25<sup>th</sup> & 26<sup>th</sup> November 2025, at Assam Administrative Staff College, Khanapara, Guwahati-19.



- **Dr. Niranjan Borah** ,Participated in Faculty Development Program on “Statistical analysis with excel” organized by research foundation of India from 1st July to 5th July, 2025.

- Participated in Faculty Development Program on “Innovative Teaching and Learning Pedagogy” organized by research foundation of India. From 18th June to 24th June, 2025 .



**FACULTY ACTIVITY**

- Participated in Faculty Development Program on Seismic Vulnerability Assessment at THE ASSAM ROYAL GLOBAL UNIVERSITY from 22nd September to 27th September, 2025.
- Participated in Faculty mobility program organized by DTE, Assam from 15th September to 20th September, 2025.
- **Mr.Tarique Aman Mazumder**, Assistant Professor, Successfully completed One Week Faculty Development Programme on “Applications of Composites and Nano Fillers in Civil Engineering” organized by the Department of Civil Engineering, Chaitanya Bharathi Institute of Technology (Autonomous), Hyderabad – 500 075, Telangana, India, from 21st to 25th April 2025.
- Successfully completed One-Week Faculty Development Programme on Sustainable Infrastructure Development organized by Department of Civil Engineering, Netaji Subhas University of Technology, West Campus from May 26 to 30, 2025
- Successfully completed the two days Induction Training Programme for the Newly appointed Assistant Professors in State Engineering Colleges, organized by the Directorate of Technical Education, Assam, at Assam Administrative Staff College, Khanapara, Guwahat-22 on 25<sup>th</sup> and 26<sup>th</sup> July, 2025.
- Successfully completed One week Faculty Mobility Programme as a guest faculty in the Department of Civil Engineering, Assam Engineering College Guwahati from 15<sup>th</sup> September to 20<sup>th</sup> September, 2025.
- **Mr.Theophilus J Rengma**, Assistant Professor Completed two-day Induction Training Programme for newly appointed Assistant Professors of State Engineering Colleges, organized by the Directorate of Technical Education, Assam, held on 25th and 26th July at Assam Administrative Staff College, Khanapara, Guwahati.
- On August 11, participated in the Nasha Mukt Bharat Abhiyaan conducted by Department of Social Justice & Empowerment and solemnly took the pledge to contribute towards building a drug-free and prosperous India by raising awareness and promoting a healthy, substance-free lifestyle as part of this nationwide movement.
- Successfully completed One Week Faculty Mobility Programme at Assam engineering college Guwahati as guest faculty in the Department of Civil Engineering, from 15<sup>th</sup> September to 20<sup>th</sup> September.
- **Mr. Mohammad Imran**, Assistant Professor, Participated in Faculty Exchange Program organized by DTE, Assam from 15<sup>th</sup> September to 20<sup>th</sup> September, 2025.
- Participated in the Faculty Induction Program organized by DTE, Assam from 15th October to 15th October, 2025.



**FACULTY ACTIVITY**

- Interacted with faculty and students of Assam Engineering College, discussed the challenges faced by AEC students and possible solutions, and also visited the State of the art laboratory facilities of the Civil Engineering Department.
- Participated in Ultra Trail Marathon in Kohima, Nagaland on 8th November 2025 and successfully completed the trail marathon of 20 km.



**ACHIEVEMENTS AND ACTIVITIES OF STUDENTS**

- Mr. Ruhul Amin Talukdar of 7th semester has successfully cleared the APSC Junior Engineer Examination 2025 and has been selected as a Junior Engineer under the Public Works Department (PWD).
- Mr. Azim Uddin Barbhuiya, also from 7th semester, has successfully qualified in the APSC Junior Engineer Examination 2025 and has been selected as a Junior Engineer under the Public Works Department (PWD).
- Miss Arlin Naz Hazarika of 5th semester has successfully cracked three competitive examinations and has been selected as a Junior Engineer under the Assam Public Service Commission (APSC) 2025, Public Works Department – Buildings, Roads & National Highway (PWD-BR&NH), the Assam Public Service Commission (APSC), Junior Engineer, Water Resources Department 2025, and Oil India Limited, Junior Engineer 2025.
- Mr. Rahul Dey, also from 5th semester, has successfully cleared the APSC examination and has been selected as a Junior Engineer under the Public Works Department (PWD), 2025.
- Mr. Mafuj Ahmed Barbhuiya of 3rd semester has qualified in the APSC Junior Engineer Examination 2025 and secured selection as a Junior Engineer in the Public Works Department (PWD).



Mr. Azim Uddin Barbhuiya



Mr. Ruhul Amin Talukdar



Miss Arlin Naz Hazarika



Mr. Rahul Dey



Mr. Mafuj Ahmed Barbhuiya

ALUMNI PROFILE

- Miss. Bistirna Goutam of the 2020–2024 batch is currently pursuing her M.Tech in Geotechnical Engineering from Assam Engineering College (AEC).
- Miss. Musqaan Suave of the 2020–2024 batch is currently pursuing her M.Tech in Structural Engineering from Royal Global University, Guwahati.
- Mr. Abhijit Roy (Batch 2020–2024) has successfully cleared the APSC Junior Engineer (PWD) Examination 2025, marking a significant milestone in his professional journey.
- Mr. Jaheer Ikbal Mazumder (Batch 2020–2024) has successfully cleared both the APSC Junior Engineer (PWD) Examination 2025 and the Water Resources Department (WRD) Junior Engineer Examination 2025, showcasing his academic excellence and professional competence.
- Miss. Geetika Bhuyan of the 2020–2024 batch is currently working as a QA/QC Engineer at L&T Construction (B&F IC).
- Mr. Lucky Gogoi of the 2020–2024 batch is currently working as a Project Civil Engineer at D.Arch Studio, Jorhat.
- Mr. Syed Azaharul Haque, currently working as an Associate Member of Institution of Engineers India, along with that he was also Registered Technical Personnel of Town and Country Planning (Govt. Of Assam) and pursuing MBA from Manipal University Jaipur in online mode. Co-founder of Zaimir Lifestyle ( a perfume brand). Director of the firm "Sun and Blaze Infrastructure".
- Mr. Kaushik Nath of 2020-24 Batch is currently working as Marketing Executive at India Post Payments Bank , Morigaon Branch .
- Miss. Disha Lahon has emerged as the first placement holder of the 2021–25 batch, securing her placement through the pool campus recruitment at RDC Concrete (India) Limited.
- Mr. Nayanjyoti Bori, a student of the 2021–2025 batch, has successfully qualified GATE 2025 and is currently pursuing his M.Tech in Earth System Science & Engineering at the Indian Institute of Technology (IIT) Guwahati.
- Mr. Banhiman Chanda of the 2021–2025 batch is currently pursuing his M.Tech in Structural Engineering from the National Institute of Technology (NIT) Silchar.



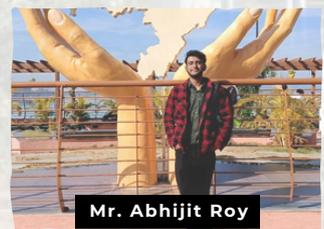
Mr. Banhiman Chanda



Miss. Bistirna Goutam



Miss. Musqaan Suave



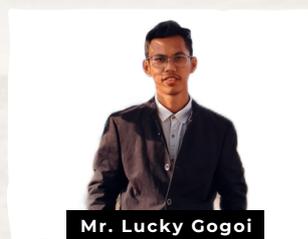
Mr. Abhijit Roy



Jaheer Ikbal Mazumder



Miss. Geetika Bhuyan



Mr. Lucky Gogoi



Mr. Syed Azaharul Haque



Mr. Kaushik Nath



Miss. Disha Lahon



Mr. Nayanjyoti Bori

## MESSAGE FROM SENIORS



It is with profound respect and gratitude that I extend my warmest regards to our esteemed Principal, the dedicated faculty members, and the bright juniors of Barak Valley Engineering College. My time at BVEC laid the essential technical and moral foundation for the professional path I have walked since graduating with a B.Tech in Civil Engineering in 2024.

My transition from academia to the dynamic demands of the industry began at RNS Infrastructure Ltd., where I joined as a full-time AutoCAD Engineer. Contributing to the crucial BSNL 4G Saturation Project across North-East India was a rigorous and transformative experience. It bridged the gap between classroom theory and real-world execution, allowing me to engage deeply in every phase of the project—from meticulous site planning in AutoCAD to comprehensive on-ground field supervision.

Believing strongly in continuous professional development and accountability, I went on to earn my credentials as an Associate Member of The Institution of Engineers (India) (AMIE) and a Registered Technical Personnel (RTP) under Town and Country Planning, Assam. This drive for growth and independence ultimately culminated in the founding of Sun and Blaze Infrastructure, an Engineering and Architectural consultancy firm. Over the past two years, we have proudly expanded our operational footprint across North-East India, serving a diverse clientele from Meghalaya to Tawang. We have successfully delivered over 30 building projects, specializing in seamless building permission approvals, robust planning and structural design, and providing our clients with absolute clarity through detailed 3D RCC visualization.

Engineering teaches us to build, but entrepreneurship teaches us to envision beyond our primary domains. Taking a leap into the retail and lifestyle sector, I co-founded Zaimir Lifestyle LLP, a modern perfume brand, alongside Monowar Hussain, a talented Software Engineer. We currently have two signature fragrance products in the market and have established a strong digital retail presence on major platforms including Amazon, Flipkart, Meesho, and Myntra, as well as our official storefront, Zaimir.com.

**Dear Juniors,**

To my juniors currently navigating their studies at BVEC: the transition from the classroom to the construction site or the boardroom is challenging but immensely fulfilling. I urge you to take the initiative early on. Prioritize gaining practical, hands-on field experience over seeking immediate comfort. The industry values what you can execute. Keep learning, stay adaptable, and do not shy away from the ambition to build something of your own. Your engineering degree is not just a pathway to employment; it is a versatile toolkit designed to solve problems and create lasting value.

As I reflect on these milestones, I offer my deepest gratitude to the Almighty for the unwavering guidance, strength, and blessings that have carried me through every challenge. The journey of growth is continuous, and I remain immensely proud to carry the BVEC legacy forward in all my endeavors.

*Er. Syed Azaharul Haque, AMIE  
Registered Technical Personnel (RTP), Assam  
Founder, Sun and Blaze Infrastructure  
Co-Founder, Zaimir Lifestyle LLP*

## MESSAGE FROM SENIORS

**My journey of BVEC:**

I still remember the evening I was sitting in front of my laptop, extremely tensed, waiting for the result. My heart was racing, overthinking every possibility. And then the result came, it was BVEC.



To be honest, when I first entered the campus as an Engineering student, I was disappointed. It was not what I had imagined. I had built certain expectations in my mind, and reality felt different. For a moment, I questioned everything but life has a beautiful way of surprising us.

Days passed, I started attending classes, interacting with classmates, and slowly understanding the environment. The same campus that once felt unfamiliar began to feel like home. The corridors that once felt ordinary became witnesses to friendships, laughter, stress before exams, and countless dreams shared during breaks.

There were late-night studies (only before the exam), unfinished assignments, and moments of self-doubt. But there were also mentors who guided us, friends who stood beside us, and small victories that slowly built confidence. BVEC did not just educate me academically, it transformed my mindset. It taught me resilience, adaptability, and the importance of making the best out of every situation.

Looking back today, I smile at that disappointed version of myself. Because if I had judged everything on the first day, I would have missed one of the most important phase of my life.

**Life after BVEC:**

Life after BVEC felt strange at first. Suddenly, the comfort of familiar classrooms, known faces, and daily routine was gone. There were no fixed timetable anymore, only decisions, responsibilities, and the pressure to figure out what comes next. There were moments of confusion about the future, moments of comparison, and moments when I missed the simplicity of college life. I realized that outside the campus, things moves fast and expectations are higher.

When I finally stepped into IIT Guwahati to pursue my M.Tech, everything again felt new, just like the first day at BVEC. But this time, I was different. I was more patient, more confident, and mentally strong. And that change happened because of the four years I spent at BVEC.

Today, whenever I face challenges, I often think about how far I have come from that nervous student waiting for his result to someone chasing bigger dreams. Life after BVEC is still teaching me new lessons. When I look back, I realize BVEC was never just a college I got into, it was the place that quietly shaped my character, strengthened my mindset, and prepared me for the world beyond its gates. Life keeps moving, goals keep changing, but some places remain constant in the heart. For me, BVEC will always be more than a memory, it will always be my beginning.

*Nayanjyoti Bori*

*M.Tech: Civil Engineering*

*Specialization: Earth System Science and Engineering*

*College: IIT GUWAHATI*

COMMITTEE MEMBERS:



Shmaran Gogoi  
(7th Semester)



Saurav Roy  
(7th Semester)



Kukimoni Sarmah  
(5th Semester)



Anusmita Nath  
(5th Semester)



Aftab Alam Akand  
(5th Semester)



Anshuman Talukdar  
(3rd Semester)



Abid Ahsan Choudhury  
(3rd Semester)

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As committee members, We are proud to share “ELEVATE”, a reflection of our collective efforts, ideas, and aspirations. This platform celebrates achievements, encourages innovation, and inspires collaboration, guiding our department toward excellence, responsibility, and meaningful contribution to society through Civil Engineering.