

Chapter Reports

ACI IUT Student Chapter Organizes Admixture-4.0 and Visits Crown Cement

Admixture-4.0, organized by the ACI Islamic University of Technology (IUT) Student Chapter in Gazipur, Bangladesh, is an annual civil engineering competition that connects academic learning with real-world challenges. The event, held on April 22, 2024, featured four segments: the Seismic Challenge, Game of Trusses, Drafting Contest, and Mechanics Olympiad. Students applied their knowledge during these segments, fostering critical thinking and teamwork. Beyond competition, Admixture-4.0 provided hands-on experience, encouraging creativity and problem-solving in industry-relevant scenarios. By bridging theory and practice, it inspired students to explore engineering beyond textbooks. As a yearly tradition, it continues to nurture future engineers, making learning interactive, engaging, and impactful.

The ACI IUT Student Chapter also organized an industrial tour to the Crown Cement PLC plant in Munshiganj, Bangladesh, on May 30-31, 2024, offering students a valuable learning experience. Crown Cement provided insights into the design and manufacturing of ready mixed concrete, emphasizing mixture design and raw material testing. During the visit, students observed the sourcing of raw materials from different regions and how they are processed at the plant. They also explored the mixing, truck filling, and monitoring procedures, along with lab testing methods and plant vehicles, gaining a comprehensive understanding of real-world operations.



Members of the ACI IUT Student Chapter at the Crown Cement PLC plant

ACI URP Student Chapter Activities

ACI Universidad Ricardo Palma (URP) Student Chapter was invited to participate in the VII Encuentro de Delegados del COREDE Centro, an event organized by ANEIC Perú. The inaugural day of the event took place at Universidad Ricardo Palma, Santiago de Surco, Peru, on February 20, 2025.

As a part of the event, the ACI URP Student Chapter held a workshop titled “The Influence of Fiber in Concrete.” The workshop, carried out by six student members, including the Chapter President and Vice President, as well as the Chapter Advisor, explored the advantages and benefits of using macrofibers in concrete. Prior to the event, the student team met to make concrete beams with two types of fibers donated by Sika Corporation: one synthetic and the other steel. During the workshop, the flexural strength of the beams was tested, and it was observed that the beam with the greatest strength contained the steel fiber. Attendees of the workshop received gifts of flowerpots made with fluid grout. Each pot contained a plant and was decorated with the ACI URP Student Chapter logo. The fluid grout was donated by MC-Bauchemie.

On February 27, the ACI URP Student Chapter held the first in-person meeting with its Chapter Advisor. This meeting allowed members to get to know each other better, and for the leadership to present the work plan, setting objectives and goals for the year. One suggestion from the Advisor was to work on establishing common goals and personal objectives that would help motivate students to be more active within the Chapter and work to gain more knowledge than the information learned in class.

The ACI URP Student Chapter Board was invited to the 10th anniversary of the ACI Universidad Peruana de Ciencias Aplicadas (UPC) Student Chapter on March 15. This event created opportunities for connection and networking and allowed students and leaders to exchange knowledge and ideas. At this meeting, it was decided to create a WhatsApp group chat with the other ACI student chapters of Peru to integrate the students.

The ACI URP Student Chapter looks forward to future initiatives planned for this year, including a fundraising activity and a partnership with the ACI UPC Student Chapter that is focused on the research, development, and innovation of civil engineering.



ACI URP Student Chapter members at the VII Encuentro de Delegados del COREDE Centro

The ACIP-ADNU SC 2024 Report The first half of 2024

The ACI Philippines Ateneo de Naga University Student Chapter (ACIP-ADNU SC) started the year with planning the activities for the second semester of the 2023-2024 school year. One such activity was the SHS Work Immersion, an event that allowed senior high school students to join classes of civil engineering students to help promote concrete knowledge. The Student Chapter set up a booth at the Ateneo de Naga University Open House and exhibited what it has to offer for the students of Naga City. Students had the opportunity to play a game of bowling with the use of the fiber-reinforced concrete (FRC) bowling ball that ACIP-ADNU SC made for the 2023 Regional Civil Engineering Student Summit.

After that, the CE Days event was held, consisting of sport and academic events. The academic events, run by ACIP-ADNU SC, consisted of the Bridge Building, Tower Building, an Egg Drop, and the Amazing Race, with cash prizes awarded for each event.

The second half of 2024

After the appointment of new officers for the 2024-2025 school year, ACIP-ADNU SC held a meeting for the new officers to introduce themselves and plan the activities for the next semester. Many activities occurred throughout the semester, including the Orientation Seminar (ORSEM) 2024, an event by ADNU's Civil Engineering and Architecture (CEA) Department that introduces first-year civil engineering and architecture students to the programs, groups, and opportunities available to them; the recruitment of new members through social media platforms and outreach programs; and a general assembly and team-building event.

Lastly, the Student Chapter attended the ACI Concrete Convention through its online on-demand technical sessions. Looking to the rest of 2025, ACIP-ADNU SC eagerly anticipates further growth and exciting events throughout the year.



ACIP-ADNU SC ran the CE Days academic events



The ACIP-ADNU SC first official meeting of the 2024-2025 school year

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