

Chapter Reports

ACI Puerto Rico Chapter Engineering Bootcamp 2024

The ACI Puerto Rico Chapter organized a workshop for engineering students to develop skills to help them succeed in their future careers. This Engineering Boot Camp covered various topics of construction development, including project management, project safety, surveying, and fieldwork. The main takeaway was to familiarize students with a construction site and understand the nuances of trade work.

“The Puerto Rico Chapter Bootcamp has been one of the best experiences of my bachelor’s studies, where I learned new terms and put into practice those that I only heard during class,” said Coralís Matos, University of Puerto Rico at Mayagüez, Mayagüez, Puerto Rico.

Three universities participated in this 4-day event: the Polytechnic University of Puerto Rico, San Juan, Puerto Rico; the University of Puerto Rico at Mayagüez; and Ana G. Méndez University, Puerto Rico, with four members from ACI Student Chapters.

Industry leaders welcomed students on the first day. They spoke about the fundamentals of project management, project safety, surveying, and much more. That same day, participants saw the jobsite they would work on for the week.

On the second day, with the help of a superintendent from IZQ Construction LLC, the undergraduates learned to work the reinforcing bar for a floor slab. They raced against time to complete the steel work by the third day, ensuring it was ready for placing the concrete. Working collaboratively, the students successfully placed and finished 40 yd³ (30 m³) of concrete.



ACI Puerto Rico Chapter Engineering Bootcamp 2024 participants. From the top left: Mary Flores, Nathanael Pol, Jolby Martínez, Andrea Rivera, Marilyn Torres, Coralís Matos, Laxmi Santiago, Darialys Torres, Hiram Camacho, Alberto Colón, Alejandro De Santiago, and Javier Carrillo



Students had the opportunity to participate in various tasks on a jobsite, including the slump test

As it was an ACI Chapter event, the students conducted sampling, cylinder tests, and slump tests.

On the fourth and final day, the students got to appreciate all the hard work that had gone into the placement. To conclude the event, personnel from Ecológica Carmelo led a tour of its plant and laboratory, showcasing the company’s innovative range of cementitious products to the students.

“I am truly grateful for the learning experience and the opportunity to work with an exceptional team. This experience allowed us to explore each stage of an infrastructure project and understand the effort and dedication that workers invest to bring it to fruition,” said Andrea Rivera, Polytechnic University of Puerto Rico.

ACI IUBAT Student Chapter Celebrates World Environment Day

On June 5, 2024, in celebration of World Environment Day, the commitment to nurture nature and foster a greener future was displayed at the International University of Business Agriculture and Technology (IUBAT) campus in Dhaka, Bangladesh. Organized by the ACI IUBAT Student Chapter, the “Tree Plantation Program” aimed to enhance environmental sustainability and raise awareness about the importance of trees in our ecosystem.

Volunteers and members of the ACI IUBAT Student Chapter gathered at the venue with enthusiasm and dedication to environmental conservation. The opening remarks set a tone of urgency and hope, emphasizing the critical role trees

play in combating climate change and preserving biodiversity.

The event officially began with a welcome address by the Chief Guest, Mohammed Monirul Islam, Dean of the College of Engineering and Technology, Chair of the Department of Civil Engineering, and Chief Patron of the ACI IUBAT Student Chapter. Monirul Islam highlighted the significance of World Environment Day and the collective responsibility we all bear in protecting our planet. He applauded the ACI Student Chapter for their proactive approach toward environmental stewardship. Anisuzzaman Khan, Assistant Professor and Advisor of the ACI IUBAT Student Chapter, alongside mentors and patrons, also addressed the audience, reinforcing the importance of community involvement in such initiatives.

Participants were provided with saplings of various indigenous tree species, carefully selected for their environmental benefits and suitability to the local climate. Volunteers assisted in distributing the saplings, ensuring each participant understood the planting process and the care required for the young trees. Participants moved to designated planting areas across the campus. Under the guidance of experienced horticulturists, they began the process of planting their saplings. The campus buzzed with activity as holes were dug, saplings were placed, and soil was gently packed around the new trees.

A heartfelt thank you was extended to all participants, volunteers, and sponsors who made the event possible. The collective effort and community spirit were acknowledged, with special appreciation given to the event organizers for their meticulous planning and execution.



ACI IUBAT Student Chapter celebrated World Environment Day by planting trees across its campus

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