

DEPARTMENT OF
CIVIL ENGINEERING



University of
Asia Pacific



Accredited by IEB



Awarded Outstanding University by AACSB

Highlights of the Department & Milestones

Since its inception in 1997 the Department of Civil Engineering of the University of Asia Pacific (UAP) has awarded undergraduate degree to 775 students. Several UAP graduates have completed postgraduate studies (Masters/PhD) in Bangladesh as well as at universities in Malaysia, Thailand, Korea, Japan, Australia, South Africa, Belgium, Switzerland, Italy, UK, France, Sweden, Germany, Canada and USA. Some of them have also returned to UAP as faculty members. The undergraduate and postgraduate programs see an average intake of 180 students and 20 students each year respectively.

The department's efforts have been recognized outside the borders of the university when it became the first Civil Engineering program to be accredited by the Board of Accreditation for Engineering and Technical Education (BAETE) of The Institution of Engineers, Bangladesh (IEB) in 2007. In recognition of its exemplary academic standards, this institution has been identified as an 'Outstanding University' by American Concrete Institute (ACI) in 2016. However, the university administration feels the need for further excellence to be achieved.

Recently, the department has taken an initiative to provide education to its students through Outcome Based Education (OBE) method. Continuous improvements in students' behavior, knowledge and skills are emphasized in designing the teaching-learning strategies. In this context, faculty members have taken hands-on training on OBE, so that continuous quality improvement (CQI) becomes effective and they become noticeable in their delivery of lectures and choice of different assessment tools.

State-of-the-Art Facilities and World Renowned Experts

As part of the continuous development process, this department prioritized on the necessity to furnish all laboratories with modern equipments to conduct undergraduate classes as well as to assist undergraduate and graduate research. Some of the laboratory equipments are the first of their kind in Bangladesh and therefore UAP has become a trendsetter in providing research exposure to students.

It is the policy of UAP to maintain a high teacher-student ratio so that students can receive adequate attention from the instructors. At present there are 24 full time faculty members in the civil engineering department. Of them 15 have PhDs from the best research universities in North American, Europe, Asia and Australia.

The laboratory facilities serve the purposes of practical demonstration and analytical experiments in the following Engineering disciplines: Transportation Engineering, Hydraulics Engineering, Material Sciences and Engineering, Geotechnical Engineering, Structural Mechanics, Environmental Engineering & Chemistry and Computational Sciences.

The faculty members of this department regularly publish articles in high impact factors journals such as Elsevier, Routledge, Springer, American Society of Civil Engineers (ASCE) and Wiley. Majority of the research works are conducted at the well-equipped laboratories of the department with full participation of our students and in collaboration with different universities around the world. Members of faculty are regularly invited to deliver keynote addresses in International Conferences and to teach short course in other countries.

Co-curricular Activities of the Students

The students of this department participate in different cultural programs and sports activities like cricket, football, table tennis, badminton, chess, carrom, etc. arranged by the department or by the university. Students conduct free literacy programs and volunteer for blood donation programs which provide opportunities to give something back to society. The department also facilitates co-curricular activities for the students to complement their academic skills in different dimensions of the discipline. These activities are organized through different clubs. The fully active clubs in the department are: Geotechnical Engineering Club (GEC), Art & Photography Club (APC), Environment & Disaster Management Club (EDMC), Transportation Engineering Club (TEC), Structural Engineering Club (SEC), Film Club, Math Club, Cultural Club, Sports Club, Ecosystem Reading Group and Writing Club. Club activities also provide platform for interaction among the faculty members and the students which very often prove to be productive and innovative as the innermost capacities and strengths of the students get nurtured.

With a pragmatic view to facilitate such activities the Civil Engineering Department of the UAP has formed the Civil Engineering Student Forum (CESF). CESF coordinates all co-curricular activities of the department.

Research, Training and Consultancy

Centre for Research, Training, Testing and Consultation (CRTTC) of this university offers access to Laboratory equipments and other facilities to different organizations for testing and analysis services. CRTTC has expert technicians, staffs, servicemen under direct supervision of the faculty members for providing testing and consultancy services to private, government and autonomous bodies in the field of planning, architecture and engineering. CRTTC mainly undertakes the testing of aggregates, brick, bitumen, concrete, cement, steel, timber and soil as well as design and construction supervision of infrastructure projects.

Strategic Vision and Our Promises

The civil engineering department of University of Asia Pacific (UAP) aims at educating students in a student centered dynamic learning environment. Our mission is to enhance the students' skills in conducting multidisciplinary research to meet the challenges of the 21st century and to motivate them towards building a successful career in civil engineering. As such our strategic aim includes introducing student-faculty joint research opportunities, research grants, conference grants and scope of industrial attachments for students.

It is our professional goal to establish this department as one of Asia's best within a quarter century. With that in mind, we hope to be among the top three destinations for aspiring civil engineering students in the country no later than 2024. We strive for excellence in all our efforts here at UAP. I believe we will be able to fulfill all of our promises to you.

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