



# ANNUAL REPORT 2018-2019



**UNIVERSITY OF ASIA PACIFIC**

**PUBLISHER**

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## BOT Chairman's Note



I am happy to see the UAP Annual Report for FY2018-19 published in time. As you take a glance through its pages, you will feel how well recognized our UAP is and how busy and vibrant UAP remains in its academic pursuits throughout the year.

It makes me very pleased to see 5,000 plus boys and girls keep the class rooms, laboratories, library and the corridors of our departments pulsating with upbeat spirit. They feel homely and cozy in seeking knowledge and learning in their own campus. We have provided the needed modern facilities suitable for achieving a state-of-art education.

More than 100 student clubs keep the arcade plaza humming with all kinds of extra and co-curricular activities throughout the year. I am amazed to see how enthusiastically the different student clubs mobilize various resources from within and outside the university to enrich the experience of university-life beyond their class rooms and laboratories.

Throughout our journey from 1996, UAP has produced thousands of graduates in 8 different disciplines. They are making marks at home and abroad. They are employed in various sectors – in academia and in industries, and, are spread over the globe.

We take pride in having world renowned engineer and scientist, National Professor Dr Jamilur Reza Choudhury as our Vice Chancellor. He leads a large number of highly qualified faculty members and staff whose dedication and commitment make us what we are to-day. We all together strive relentlessly to reach the height of our capacity to help as many youths as possible to achieve their aspirations.

On behalf of myself and on behalf of all the members of the Board of Trustees, I feel pleased to commend all of our UAP family members' hard work in producing the UAP Annual Report for FY2018-19 and contributing to make UAP better as we move forward.

Finally, my special gratitude to Dr M Alauddin, Senior Vice Chair of the Board of Trustees, for his initiative, persistent hard work, and overall leadership in preparing this Annual Report with sincere support from the contributors.

A handwritten signature in black ink, appearing to read 'Monzoor' followed by a stylized flourish.

Monzoor Ahmed Chowdhury  
Chairman, Board of Trustess, UAP

## Vice Chancellor 's Note

I am happy to see the publication of the UAP Annual Report for the Financial Year 2018-19. Over the last 23 years, UAP has grown to have its own campus in a beautiful 10-storied building. In terms of its mission of enhancing opportunities of higher education, UAP has now become a well-recognized University at home and abroad.

During these years, our growth and transformation were measured and steered to match world class learning experience that students and their parents and guardians aspire. Within the limits of growing demands, we are providing to our students and faculty members the best possible environment conducive to achieving our vision of excellence in UAP's academic programs. Our range and breadths of co-curricular and student welfare activities are earning high appreciation and drawing increasing number of sponsors and partners. The scholarships and tuition waivers that we offer to the deserving students are way above the minimum required under the Private University Act, 2010.

Over the last two years, independent peer-review teams comprising national and internal experts were formed by UGC under the World Bank financed Higher Education Quality Enhancement Project (HEQEP) for evaluating quality of higher education using eight indicators. I am happy that they rated all eight undergraduate degree programs of UAP as "Very Good". In the current reporting year, American Concrete Institute named us as the "Outstanding University for 2018". Added to current laurels, from next year, our Department of Law and Human Rights shall be receiving students from SAARC countries for our LLM program being introduced under UNESCO-Madanjeet Singh South Asian Institute of Advanced Legal and Human Rights (UM-SAILS).

"Best Book", "Best Paper", and "Best Mooter" awards received from national and international forums by our faculty members and students reflect the high level of achievements of UAP. In furtherance of such achievements, UAP strives to ensure faculty capacity development through training on recent method of Outcome Based Education, workshops, seminars, research grants (from UAP's funds) and collaborative research with scholars from the universities of UK, USA, and Australia. With the setting up of the Office of International Affairs, opportunities of our students and faculty members are gradually widening to explore higher studies abroad.

We are persistently on the move forward. We have planned to expand the academic programs, e.g. by adding Master's program in EEE, and in Pharmacology and Clinical Pharmacy. As we expand our physical facilities, we plan to add more academic programs of applied and multidisciplinary nature.

I acknowledge the support of the Board of Trustees in providing policy guidelines for achieving our Mission and Vision as well as our faculty and non-academic staff members for their concerted efforts to implement these. I take this opportunity to thank all for making UAP move forward with continued success.

I thank the Chairman and Members of Editorial Board and the contributors for their hard work in preparing the Annual Report.



National Professor Dr. Jamilur Reza Choudhury  
Vice Chancellor, University of Asia Pacific



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Lecturer, Department of Architecture,  
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## PROFILE OF UAP

Established in 1996 under the Private University Act 1992, UAP was founded by a Foundation of 33 eminent educationists, industrialists, and civil service officers who shared the same vision and social commitments to enhance the opportunities for higher education in Bangladesh. UAP Foundation, a non-profit and non-commercial entity is based in Dhaka, Bangladesh. The prime aim of the foundation is to promote human and social development through improved educational opportunities, innovative educational programs, and institutional grooming to develop skills and know-how among the youths in keeping with the changing needs of the society. To remain current, the university administrative operation is now transited to the new Private University Act of 2010.

### The Vision

UAP's vision is to advance science, technology, and humanities through innovation in higher education, research, and development for a better society.

### The Mission

UAP's mission is to hold excellence high in maintaining faculty members and staff, facilities for faculty research and student practicum harmonized with co-curricular activities so that UAP produces graduates to meet the global standards and in creating impact to the society.

To achieve such a mission, UAP would maintain a highly qualified and strongly motivated faculty to educate students in curricula that accommodates

latest advances in science and technology and best practices in teaching and learning supported by modern laboratories, library facilities, and vibrant co-curricular activities. In pursuance of creativity, cutting-edge knowledge and technological innovation, UAP encourages and supports faculty members in research, publication and sharing knowledge with co-professionals.

The courses and curricula are designed to provide high quality education at tertiary level relevant to the changing demands of society and equip students to enter into the national and international job market or pursue higher academic and professional goals with a solid academic foundation. The goal of the university is not just to prepare the students to pass the examinations, but to equip them with the needed social skills to become productive and proactive members of the community and remain open to learning to become 'future leaders' and useful members of the society.

### The Facilities

UAP's city campus is located at 74/A, Green Road, Dhaka 1205 – at the heart of the city connected by all means of available transport. The campus provides service space of 390,000 square feet.

The auditorium in the main building is a special pride of UAP. Equipped with most modern light and sound system, the auditorium has a seating capacity of 271 audience.

The beautiful plaza with its climbing stairs and open space ahead provides a welcoming entry to the students through electronic security system.

The plaza is a humming place on all days during the semesters – students sitting around on the floor by the wall doing individual or group studies, or relaxing in gossip with friends. It becomes even more vibrant when more than 100 clubs on almost every third day organize throughout year one or the other co-curricular or students' welfare activities, or UAP special events are held with dignitaries.

The syllabuses of all the Departments of the university are approved by the UGC and accredited by the appropriate professional bodies of the country. UAP has a total of 43 class rooms in the campus. The classrooms are equipped with computers, air conditioners and projectors. Sound systems are available to provide the support of audio visual aid. State of the art seminar rooms allow holding seminars and workshops for UAP students and faculty members in each department.

UAP is very rich in its 52 laboratory facilities; the department-wise number of laboratories are as follows:

Department	Number of Laboratories/Studios
Architecture	11
Business Administration	01
Civil Engineering	07
Computer Science and Engineering	08
EEE	10
English	01
Law and Human Rights	01
Pharmacy	14
<b>TOTAL</b>	<b>53</b>

The laboratory equipment and tools are modern. There is a constant alert to upgrade to keep up with the state-of-the-art equipment in the laboratories. In the current financial year, the laboratories of the Department of Architecture, Civil Engineering, Electrical and Electronic Engineering, and Pharmacy have been upgraded with an investment of Taka 1.3 Crore.

For easy movement of the students and the members of the faculty from one floor to the other, seven lifts glide up and down during busy hours of the day. The annex facilities shall soon be connected by a bridge between the two buildings for exclusive movement of students and faculty members to and from the main and the annex building.

## Library Facilities

Central Library, located at the 9<sup>th</sup> floor of the main building, continues to expand and develop its services and take new initiatives throughout the year to facilitate students to learn and acquire knowledge. Very impressively renovated to any international standard, the library continues to keep its focus on making library services more accessible and fulfilling the need of the students and faculty members. To access e-books and e-journals, there are a number of desktop computers.

The Library has 200 seating capacity with 6 discussion rooms; it remains open from Sunday to Thursday, 9AM to 9PM. During weekends, the library remains open on Saturday for shorter hours, from 9AM to 5PM and remains closed on Friday.



The Central Library offered services through books and journals are shown below at a glance.

Number of Books and Journals	20,801
Number of E-Journals Subscribing (through Library Consortium of Bangladesh (LiCoB) and University Digital Library (UDL))	30,000

Number of E-books Subscribing  
(through LiCoB and UDL)

20,500



Besides, UAP students and faculty members can access 71,196 e-books and 41,172 e-journals via Registration with Research4life which covers five important databases of different subject areas (HINARI, AGORA, ARDI, OARE and GOALI) at free of cost.

The university takes keen interest in procuring new books and journal to stay up-to-date on latest publications. During FY2018-19, the following new subscriptions were made towards digitalization of the library services:

**RemoteX's** for off campus access of e-journals,

**BDLex** (Online Comprehensive Repository of Judgments and Acts),

**3500 Wiley Online Books** (UDL, UGC).

During the financial year, the cost of the above purchases and subscriptions was approximately Taka 20 Lac.

In addition to Central Library collections, three Departments – Law and Human Rights, Civil Engineering and Business Administration maintain seminar library. In total they have a collection of 3,461 books and 401 copies of thesis and subscription to 11 journals.

For future "Institutional Repository", the Central Library has started preserving students' Thesis/Project/Internship papers in CD for all the Departments.

A Library brochure is being produced to create a wide awareness about the resources available at library and how the nine staff of the library can help the student and faculty members to benefit

from the available library resources.

## IT Services

The network provides services to students, faculty members, staff, and guests with internet connectivity with 400 Mbps bandwidth. The network can be accessed by both wired and wireless connection. It directly benefits students, faculty members and staff.

Dedicated Email and Calendaring service from Google allows advanced features required for quick and easy communication. Students, staff, and faculty members can avail our Email service. Our integrated mailbox offers both on-site and remote access. Advanced features by Gmail such as checking for malware, phishing, and spam help remove security issues.

Custom-designed Academic Management Software has the capacity to manage student records, including admission information, registration information, and fees and funding, result, and contact details. Easy to use software allows access to crucial information for students, faculty members and staff, and a with few restriction for each user wherever applicable.

Graduates from UAP can join as members of the alumni group through the Alumni Management Software. It allows peer-to-peer communication and convocation registration. Usage of this software is available only for alumni of UAP.

All faculty members, students and staff are provided with onsite and remote access to a wide range of useful software via Remote Application Service (RAS). Besides, wherever applicable, software licenses are purchased and distributed to the university users.

Our classrooms and laboratories are well-equipped with Digital Projector with dedicated Desktop Computer along with Wi-Fi.

UAP has a surveillance system for security. Latest security camera, Internet Protocol (IP) is in use throughout the campus and surrounding areas for monitoring suspicious activities and unauthorized access. All students, faculty members and staff required to carry an RFID card visibly.

Besides, UAP has a physical data center that

provides scalable network access, security for internal data, instant service, and 24/7 access to students, faculty members and staff. IT help desk provides training to faculty members and staff on the use of softwares across a broad range of platforms and services.

## Cafeteria

Cafeteria is located on the 1<sup>st</sup> floor of the campus building having an area of 4500 sq-ft. Good physical facilities are well set up for managing food and beverage services. To accommodate clusters of students, faculty members and staff, seating arrangement of 200 chairs with 25 tables are placed in, in a manner that diners may comfortably enjoy their food in the cafeteria.

Cafeteria services operate during the academic sessions. Two caterers are engaged to offer cafeteria services, primarily to the students, at competition with each other for cost and quality. The university management carefully watch for maintenance of cleanliness of the cafeteria.

## Washrooms and Sanitation

In the campus, there are adequate number of washrooms with modern sanitation amenities both for male & female. A total of 31 cleaners – 27 male and 4 female work to keep the wash rooms clean and smell free. Drainage system around the campus is properly taken care of so that no foul smell or hatching of larva can cause any impediment to the environment.

## Safety and Security

The safety and security of the students, faculty members, and staff is supreme to the university authority. The campus facilities are under the surveillance of CC camera.

In addition, for physical safety, prevention of any undesirable entry into the building, the campus is on 24-hour guard by the staff of a security company. The members of UAP family – students, faculty members, staff, and BOT members are all aware about the safety concerns and use security passes and bio-metric system for entry to and exit from the campus. The three levels of basement for parking of vehicles are also under watch for safety and security.

## Schools and Departments

UAP seven Schools and nine Departments thereof are as follows:

### School of Environmental Sciences and Design

Department of Architecture

### School of Business

Department of Business Administration

### School of Engineering

Department of Civil Engineering

Department of Computer Science and Engineering

Department of Electrical and Electronic Engineering

### School of Humanities and Social Sciences

Department of English

### School of Law

Department of Law and Human Rights

### School of Medicine

Department of Pharmacy

### School of Science

Department of Basic Science and Humanities

## The Academic Programs

UAP now offers Undergraduate Programs in eight disciplines and Graduate Programs in six disciplines.

The undergraduate programs are:

- Bachelor of Architecture
- Bachelor of Business Administration
- Bachelor of Science in Civil Engineering
- Bachelor of Science in Computer Science and Engineering
- Bachelor of Science in Electrical and Electronic Engineering
- Bachelor of Laws (Honours)
- Bachelor of Arts (Honours) in English Language and Literature
- Bachelor of Pharmacy (Honours)

All these are four-year programs except B. Arch., which is a five-year program. The UAP follows two-semester system in a year.

UAP currently offers nine postgraduate programs leading to Master's degree in six disciplines. The postgraduate programs are:

- Master of Business Administration
- Executive Master of Business Administration
- Master of Science in Pharmaceutical Technology
- Master of Science in Computer Science and Engineering
- Master of Science in Civil Engineering
- Master of Engineering in Civil Engineering
- Master of Laws (Regular)
- Master of Arts in Applied Linguistics and ELT

The syllabuses of all undergraduate and graduate programs of all disciplines are approved by the University Grants Commission (UGC) of the Government of Bangladesh.

All engineering, architecture, pharmacy and law degrees are accredited by their respective professional institutions such as Institute of Architects Bangladesh (IAB), Board of Accreditation for Engineering and Technical Education (BAETE), Bangladesh, Institution of Engineers, Bangladesh (IEB), Pharmacy Council of Bangladesh, and Bangladesh Bar Council.

The Department of Business Administration (DBA) has initiated a process of accreditation with the Accreditation Council of Business Schools and Programs (ACBSP).

UAP participated in a UGC-sponsored joint project, Higher Education Quality Enhancement Project (HEQEP) to institutionalize "quality culture" through outcome-based education (OBE). The UGC had appointed 8 different, External Peer Review Team (EPRT) consisting of national and international experts for assessing the quality of UAP academic programs. Each of the 8 teams independently rated all undergraduate programs

as, "Very Good".

## Faculty Members

The UAP's nine academic programs are currently run by a talented pool of 363 faculty members in different ranks—20 Professors, 17 Associate Professors, 72 Assistant Professors and 66 Lecturers. Nearly 40 percent of the faculty members are either Professor or Assistant Professor. Nearly one-third of the faculty members are female. The full-time faculty members teaches over 95 percent of the courses, while the adjunct faculty members are called-in for specialized or field related courses, mostly 3-credit hours.

Of the faculty members who are currently teaching in different departments, 85 have PhDs—71 male and 14 female; another 53 faculty members—33 male and 20 female—are on study leave for pursuing PhDs and 13 faculty members are doing their Master's in different universities abroad as seen in below.

Faculty Status	Total	Male	Female
Full-time	198	117	81
Adjunct	99	91	08
On Study Leave	66	46	20
<b>TOTAL</b>	<b>363</b>	<b>251</b>	<b>109</b>

## Administration

National Professor Dr Jamilur Reza Choudhury heads UAP Administration; he is the current Vice Chancellor of University of Asia Pacific since May 2012. He is a famous Civil Engineer, a distinguished Scientist, and was a former Adviser to the Caretaker Government for the period of April to June 1996.

National Professor Dr Jamilur Reza Choudhury has received enumerable awards and recognitions from many national and international agencies. It shall require a number of pages to list them. Of the many, only three of the most recent recognitions mentioned here are: award of "Ekushey Padak", 2017, appointment of National Professor in June 19, 2018, and Japan's highest civilian award, "The Order of the Rising Sun, Gold Rays with Neck Ribbon" on March 6, 2019.



Professor Dr Jamilur Reza Chowdhury receiving "Ekushey Padak", 2017 from the Prime Minister Sheikh Hasina.



The Education Minister, Nurul Islam Nahid, MP handing over a Government Crest to Professor Dr. Jamilur Reza Choudhury, to UAP Vice Chancellor to recognize him as National Professor for next five years, from June 19, 2018 along with the two other National Professors – Professor Emeritus Anisuzzaman and Professor Emeritus Rafiqul Islam.

The UAP family proudly celebrated the occasion of Dr Jamilur Reza Choudhury's National Professorship by hosting a reception for him along with two other awardees – Professor Emeritus Anisuzzaman and Professor Emeritus Rafiqul Islam in UAP Auditorium on 25 July 2018.



Three National Professors along with BOT Chairman Monzoor Ahmed Chowdhury at UAP Reception.

National Professor Dr Jamilur Reza Choudhury keeps the academic administration dynamic, aided by the Pro Vice Chancellor, Professor Dr M R Kabir, the Treasurer, Air Commodore Ishfaq Illahi Choudhury, and the Registrar Mr Sarwar R Chowdhury.



The Ambassador Hiroyasu Izumi handed the 'The Order of the Rising Sun, Gold Rays with Neck Ribbon' ceremonially to National Professor and Vice Chancellor of UAP, on March 06, 2019 at his residence in Dhaka.

In the central administration, there are 13 different offices and sections, such as, Admission Office, Office of Finance and Accounts, Controller of Examinations, Purchase and Procurement Section, etc. A total of 194 staff work at UAP – 109 in UAP central offices and 85 in nine departments.

In addition to direct employees, there are 53 indirect employees of a Security Company. The campus is guarded by the services of a crew of 50 security guards and their three supervisors from a security company, whose services are on contractual basis.

Looking into the future for further expansion, UAP has obtained a land space of 2.65 acres (160.32 kathas of land) from RAJUK at Road 224, Sector 21 at Purbachal – the biggest planned township in Bangladesh. UAP plans to expand physical facilities of its current city campus and build a larger campus outside the city with newest facilities including enough facilities for indoor games and gymnasium, and open space for playgrounds, swimming pool, and basketball court with more greeneries around.

## HIGHLIGHTS OF UAP ACHIEVEMENTS

In our highlights of UAP achievements, we begin here with UGC's Gold Medal to a UAP faculty member, UAP's recognition as "Outstanding University – 2018 by ACI, MOU for offering LLM Program to students of SARC countries, Seven Ring Cement Tribute to UAP, Pro VC's re-election of AUAP to Country Chapter Chairmanship, "Best Publication" Award to the Dean of the Environmental Science and Design, and "Best Mooter" award to a UAP student followed by a series of other most significant achievements of UAP during the year.

### UGC Gold Medal to UAP Faculty Member

Dr. Tanveer Ferdous Saeed, Professor, Department of Civil Engineering received the prestigious UGC Gold Medal 2016. Md. Abdul Hamid, the Hon'ble President, People's Republic of Bangladesh handed over the Gold Medal to Dr. Saeed on September 11, 2018.



### UAP: an "Outstanding University - 2018"

American Concrete Institute (ACI) named UAP as "Outstanding University-2018" for the third time in a consecutive row of 2016 and 2017.



### International Collaboration Established - MOU between UAP and UMSAILS, UNESCO

UAP signed a MOU with UNESCO Madanjeet Singh South Asian Institute of Advanced Legal and Human Rights Studies (UMSAILS) on April 28, 2019. Under this MOU, 16 scholarships are available each year for students all SAARC countries to pursue one year LL.M. degree program at UAP Department of Law and Human Rights.



Memorandum of Understanding (MoU) signed between UAP and UMSAILS on 28 April 2019

## BOT Chairman and Pro Vice Chancellor handed over Letter of Host Intent

A delegation from Bangladesh attended the International Collegiate Programming Contest (ICPC) World Finals 2019 in Porto, Portugal from 31 March – 5 April 2019. On behalf of the Bangladesh delegation, Chairman, Board of Trustees, Mr. Monzoor Ahmed Chowdhury & Pro Vice Chancellor, Professor Dr. M. R. Kabir handed over a “Letter of Host Intent” from National Professor Dr Jamilur Reza Choudhury, Vice Chancellor, UAP to Dr William B Poucher, President ICPC Foundation.



## Tribute of Seven Rings Cement to UAP

Seven Rings Cement paid tribute to 11 Universities including UAP for their outstanding contribution in nation building through educating and producing excellent Civil Engineers for the country. On 6 December 2018, Head of the Department of Civil Engineering, Professor Dr Muhammad Mizanur Rahaman, accepted the recognition on behalf of UAP along with the Vice Chancellors of the leading Engineering Universities - BUET, CUET, KUET, RUET, SUST, DUET, AUST at the Grand Ballroom of Radisson Blue Hotel, Dhaka.



## Pro VC re-elected Country Chair of AUAP

Professor Dr M. R. Kabir, Pro Vice Chancellor of UAP, re-elected as Country Committee Chairman, Bangladesh Country Chapter of the Association of University of Asia and the Pacific (AUAP) for the term of 2018-2020 at the 1<sup>st</sup> AUAP and IFCU Joint International Conference (JIC) and the 16<sup>th</sup> AUAP General Conference, held from November 18 – 21, 2018 in Thailand.

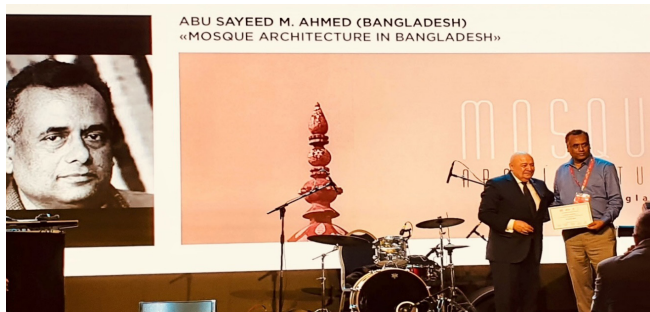


Professor M R Kabir (4<sup>th</sup> from right) with other Country Chapter Chairs holding Oath Certificates

## Professor Ar. Abu Sayeed M Ahmed's Book awarded as "Best Publication"

The General Assembly of the International Union of Architects (UIA) held on 7-11 June 2019, at Baku, the capital city of Azerbaijan have awarded Ar. Abu Sayeed M Ahmed's book, "Mosque Architecture in Bangladesh" under the category of "Best Publication".

The awardee, Professor Dr Abu Sayeed M Ahmed is the Dean of the Environmental Science and Design, University of Asia Pacific and former president of the Institute of Architects Bangladesh (IAB).



Prof. Dr. Abu Sayeed receiving the award from Elbay Gasimzade, Chairman of the Board of the Union of Architects of Azerbaijan.

## Best Presenter Award

**Professor Dr Bilkis Jamal Ferdosi**, Head of the Department of Computer Science and Engineering, received the "best presenter" award for her paper, "Microscopy Cell Counting and Annotation Using a Max-Tree Representation of the Blood Cell Images" in *ACM 3rd International Conference on Biomedical Signal and Image Processing (ICBIP)*, Seoul, South Korea, 22-24 August 2018. She also chaired a session at the same conference.

## Best Paper Award

**Dr. Md Jihad Miah**, Assistant Professor, Department of Civil Engineering, received the best paper award of his paper, "The Effect of Steel Slag Coarse Aggregate on the Mechanical and Durability Performances of Concrete" in the *International Conference on Material and Manufacturing Technology (ICMMT, 2019)*, April 26-28, 2019, Kuala Lumpur, Malaysia.

## Green Educator Award

**Ismat Zarin**, Assistant Professor, Department of English, received "Inspiring Green Educator Award 2018," by the United Nations (UN) at the *2nd Green School Conference* in association with New York Climate Week held at Wall Street, New York, USA, a side event of the UN General Assembly (UNGA) 2018. The award was given to her in recognition of her significant contribution to education through innovation in the context of climate change realities in Bangladesh. It was a world-wide competition. Around the world, only 12 professionals in teaching received the award, she is one of them.



Ms. Ismat Zarin, Awardee, Inspiring Green Educator Award, 2<sup>nd</sup> New York Climate Week in association with UN General Assembly, 2018.

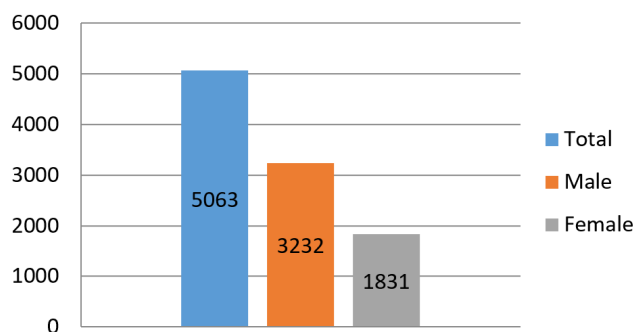
## Best Mooter Award



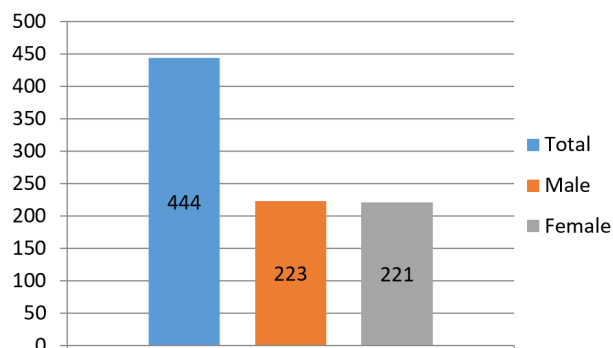
A team of UAP Moot Court Club (UAPMCC) has successfully participated in the "International Environmental Law Moot Court Competition 2018" jointly organized by Eastern University and SED Foundation from 12 to 14 July 2018. S. M. Morsalin Hider, a student of the Department of L&HR achieved the "Best Mooter" award among 40 mooters from 20 other private and public universities. Mr. Justice Syed Refaat Ahmed, Mr. Justice Zubayer Rahman Chowdhury, Ms. Syeda Rizwana Hasan, Chief Executive, BELA and other distinguished dignitaries of legal profession of the country were present at the competition.

## Total Students in Spring 2019

Currently, UAP has a total of 5,063 students – 4,563 in undergraduate programs in eight Departments and 500 in graduate programs in six Departments. Of all the students, for every 10, four students are girls. There are more girls than boys in three Departments – Architecture, English and Pharmacy.



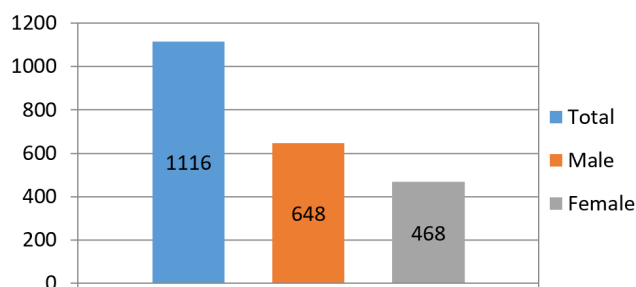
Number of Total Students, 2018-19



New Enrollment in Graduate Program, 2018-19

## New Enrollment in FY2018-19

In eight undergraduate programs, during Fall 2018 and Spring 2019 semesters combined, a total of 1,116 students were enrolled in eight different undergraduate programs. The actual number of admission is very close to the projection made for admission in undergraduate programs. Of the enrolled students, four out of every 10 students are girls.



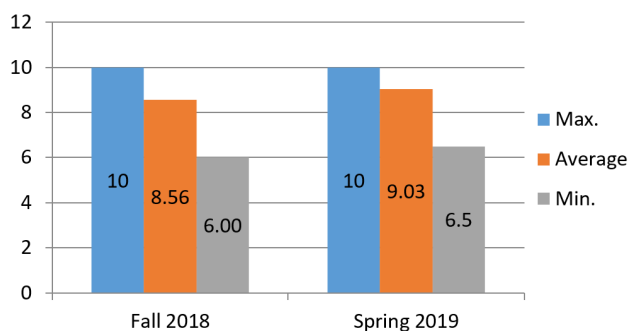
New Enrollment in Undergraduate Program, 2018-19

In seven graduate programs, in three semesters combined, a total of 444 students were enrolled in six departments. The largest number of students were admitted in the Department of Pharmacy and more than half of them are girls. The graduate program in Pharmacy is a regular day program; the rests are evening programs.

## Quality of Admitted Students

The admission in UAP is competitive. The students are screened through written and oral tests. The overall GPA of all students enrolled in Fall 2018 was somewhat below 9 (8.56) and that of Spring 2019 is above 9 (9.03) in a scale range of 6.5-10 GPA combined for SSC and HSC. There is no significant difference in average GPA between boys and girls who were admitted in Fall 2018. But those who were admitted in Spring 2019, the average GPA seems to be somewhat better for girls than for the boys – girls' average GPA is over 9 and that of boys is close to 9. This means that the overall GPA of UAP admitted students in undergraduate programs of all the Departments of UAP is close to the highest edge of the scale.

Among all the Departments, the GPA averages of students admitted in Fall 2018 range from 8.02 to 9.18 and the GPA averages of students admitted in Spring 2019 range from 8.46 to 9.75. No student was admitted below GPA of 8, neither in Fall 2018 nor in Spring 2019.



Average GPA of admitted students in Undergraduate Program, Fall 2018 &amp; Spring 2019

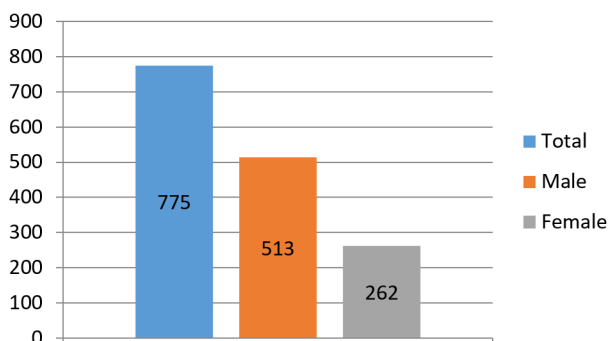
Overall, the quality of in-take students in undergraduate programs is close to highest GPA, ranging from 8.5 to 9.75 in the scale of 10 GPA combined for SSC and HSC.

In UAP, six Departments offer Master's program. The Master's program of Business Administration and English are run over three semesters – Summer, Fall, and Spring. The Master's program of Pharmacy, Law, Civil Engineering and Computer Science is of two semester duration.

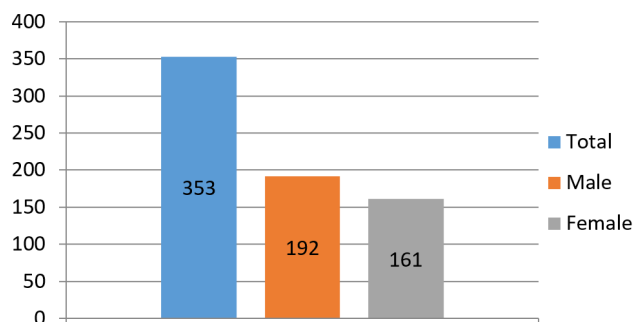
For admission in Master's program, the applicants must have undergraduate degree with appropriate academic background and the required GPA. The average GPA (SSC & HSC combined) of the students admitted in six different Departments ranges from 7.3 and that of undergraduate degree GPA is 3.23 in Fall 2018 and that of in Spring 2019 is 8.18 and 3.24, respectively. Overall, the quality of in-take of students in graduate programs ranges from good to excellent, between MBA and Pharmacy.

### Number of Students Graduating with Bachelor and Master's Degree

A total of 1,128 students –775 for Bachelor's and 353 for Master's degree have fulfilled all academic requirements for graduating and receiving degrees. For Bachelors' degree, girls are one-third, and for Master's, girls are nearly half – 45.6 percent. Combining all those who have completed all requirement for receiving degrees, 37.5 percent are girls.



Students Graduating with Bachelor Degree, 2018-19

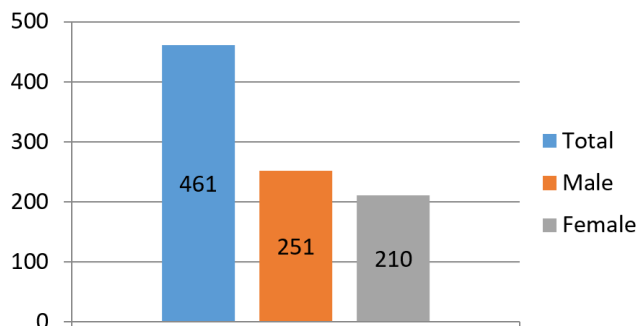


Students Graduating with Master's Degree, 2018-19

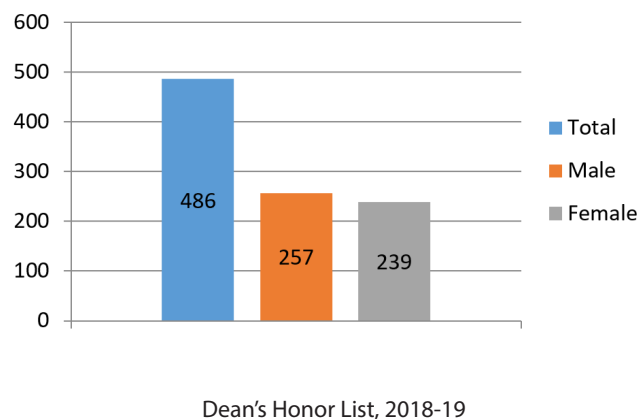
### Recognition of Students for Quality Performance in Semester Examination

In order to encourage better performance in successive semesters, the Vice Chancellor has introduced a system of honoring students based on their semester performance. In every successive semester, two lists are prepared – one is for those who get GPA of 3.9 and above and another is for those who score GPA of 3.75 to 3.89 in the scale of GPA 4.00. The formers are called Vice Chancellor's Honorees and the latter is called Dean's Honorees.

During the year, Spring 2018 and Fall 2018 Semester combined, and for all departments together, 461 students –251 boys and 210 girls were in Vice Chancellor's Honor list. And for the same period, for all departments, 496 students – 257 boys and 239 girls were in Dean's list. Certificate of such performance of the students are ceremoniously given after the examination results of each semester.



VC's Honor List, 2018-19



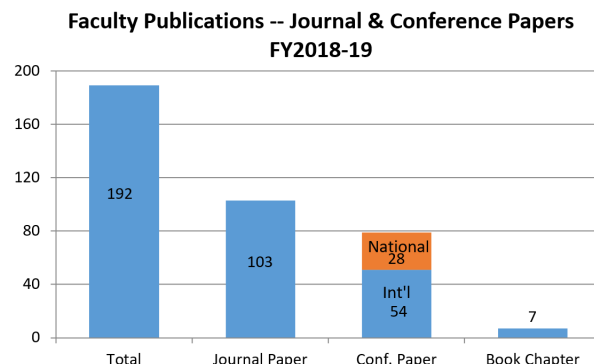
## Number of Graduate Receiving Chancellor's and Vice Chancellor's Gold Medal

According to the criteria of awarding Gold Medal, 13 graduating students - 6 of Spring 2018 and 7 of Fall 2018 would become eligible for receiving gold medal. Two graduating students -- Sikander Shafiul Bashar of EEE, who has scored the highest CGPA 4.00 in Spring 2018 and Sanjida Ahmed of Pharmacy who has the highest CGPA of 3.98 in Fall 2018 would receive the Chancellor's Gold Medal. The 11 other graduating students -- 5 of Spring 2018 and 6 of Fall 2018 who have scored CGPA 3.90 to 3.99 except one in Architecture who has scored CGPA 3.79 would receive Vice Chancellor's Gold Medal. Of the 11 eligible graduating students for Vice Chancellor's Gold Medal, eight are girls and three are boys.

## Faculty Publications – Journal and Conference Papers

UAP is proud of its talented pool of faculty members; during the financial year 2018-19 the faculty members have been highly productive in pursuit of knowledge. They have been very active in making scientific contributions to their respective disciplines. The faculty members have published 103 papers in peer-reviewed journals and presented 82 papers in academic conferences – 28 in national and 54 in international conferences. In addition, they have contributed 07 book chapters, as seen in

the graph. Journal papers, conference papers, and book chapters that were considered to have met the scientific standard are included in the count. No Newspaper/Magazine articles were considered for inclusion in the count.



Faculty Publication, 2018-19

## Leadership of Faculty Members

**Professor Dr Mohiuddin Ahmed Bhuiyan**, Department of Pharmacy

**Joint Secretary**, Bangladesh Pharmaceutical Society for two consecutive terms from July 2012 till present.

**Member** of the Executive Committee of Japanese Universities Alumni Association in Bangladesh (JUAAB) for the next 2 years from 01 April, 2019.

**Ms. Layeqa Bashir**, Assistant Professor of Sociology, Department of Basic Sciences and Humanities

**Member**, Executive Body, *Chhayanaut Sangeet-Vidyayatan*, April 14, 2017 to date.

**Mr. Md. Rashidul Hasan**, Assistant Professor of Mathematics (on leave), Elected President, Bangladesh Student Association at University of New Mexico, USA in April 2019.

## Alumni in Leadership Position

**Mr Muhammad Mahbubul Haque** – an UAP Alumnus who graduated in 2004 from the Department of Pharmacy has been appointed as Secretary of Bangladesh Pharmacy Council.

## STUDENT ACHIEVEMENTS IN 2018-19

### Department of Architecture

**Sadia Lubabah**, 5<sup>th</sup> year student, presented a paper in the Sixth International Urban Design Conference on 'Cities, People & Places'- ICCPP - 2018, organized by University of Moratuwa, Srilanka. She is the principal author of the paper, "*Railway transference urbanism: railway station as a potential socio-economic urban component*" with her design studio coordinators, Ar. Srijon Barua and Ar. Simita Roy as co-authors.

**Nishat Tasnim**, won the **first prize** while **Atikul Islam** received the **commendation** in "IAB Student Fest 2018" held on November 2 and 3, 2018 at IAB center for "Student's Thesis Project".

**Mahamudul Gani Kanak** and **Ahsan Habib**, both 4<sup>th</sup> year student, won the first prize in the competition in Thematic Poster Design Competition to commemorate the 95th birthday of Sthapatya Acharya Muzharul Islam on 25 December 2018.

**Maisha Mosharrat** and **Arman Chowdhury**, both 4<sup>th</sup> year students won the third prize in the same competition.

### Department of Business Administration

**Tasnim Mahbub Riti**, a BBA student won the first position in a talent hunt competition, called, 'Brain Warmer' on market penetration strategy in food & beverages in Spring 2019, organized by Macomm Ltd. Tasnim has been recruited by Macomm Ltd. as Executive, Innovation & Idea Generation under a special Team NISE (Need Innovation Speed Execution).

### Department of Civil Engineering

**Abdullah Al Mamun**, graduated in 2018, based on his undergraduate thesis, co-authored a paper, "Hydropower development along Teesta River Basin: Opportunities for Cooperation". The paper received best paper award in general category in "*International Conference on Water and Environmental Engineering*" held at BUET during 21-22 January 2019.

### Department of Computer Science and Engineering

A team of four CSE students won 2nd runner-up position in a HACKATHON competition organized by the Department of ICT, Bangladesh University of Professionals (BUP) in April 2019 at Dhaka.

### Department of English

The following are the two journal papers by a postgraduate student of the department:

**Salauddin, D.M.** (2018). A Freudian Psychoanalysis on the Character, Othello. *Research Journal of English Language and Literature (RJELAL)*.6(3):36-40.

**Salauddin, D.M.** (2018). Saul Bellow's Seize the Day: A study of Marxist Perspective. *European Journal of English Language and Literature Studies*, 6(8):1-12

**Imamul Mottakin & Tasneem Mahmood**, students of the department presented a research paper, "The Romantic and The Gothic" in the 5<sup>th</sup> Inter-University Student Conference and Cultural Completion organized by the Department of English and Humanities, University of Liberal Arts (ULAB), during 18-19 April 2019.

**1<sup>st</sup> Runner-up**, Tasneem Mahmood (a student of third year) for Instant Story Writing (University Level) at the 4<sup>th</sup> National English Carnival 2018.

**1<sup>st</sup> Runner-up**, Teresa Diana Gomes, Dhaka Christian Chatra Kalyan Shangha, 18<sup>th</sup> October 2018.

**Champion**, The whole Bangladesh **Yes Group** on Anti-corruption two (2) minutes Video Competition. Team Members: Humaira Rahman Oyshie, Lorin Frankey D'Rozario, Mominul Hossain Abir (2<sup>nd</sup> Year 2<sup>nd</sup> Semester, Dept. of English).

**1<sup>st</sup> Runner-up**, Drama Team of the department in the 5<sup>th</sup> DEH Inter-University Student' Conference and Cultural Competition on 200 years of the Romantic Miraculous Year, organized by the Department of English and Humanities (ULAB), 2019.

**Champion**, Sumaiya Ahmed Jui (2<sup>nd</sup> Year 2<sup>nd</sup> Semester, Dept. of English), the Art & Photography Competition, 2018.

### Department of Law and Human Rights

**S. M. Morsalin Hider**, a LLM Student in Fall 2018 semester got the Best Mooter Award in "International Environmental Law Moot Court Competition, 2018" held at Eastern University, Dhaka.

### Department of Pharmacy

**'Extra Ordinary Awards'**, Samiha Mehnaz, Sanjeeda Ahmed, Zahid Hasan, Sreeya Debnath, Papon Kumar Paul, Salsabil Islam, Sumaia Akter & Saifur Rahman- students of the Department of Pharmacy achieved the awards for the presentation of case study on the topics 'Cyber Abuse' and 'Depression' respectively, in the *10th National Annual Quality Convention on Education* organized by the Bangladesh Society for Total Quality Management (BSTQM) held on 13 October 2018 at Eastern University, Dhaka.

### Looking Ahead

In its continued efforts to seek world class standards of education and research, UAP in the immediate future plans to:

- widen collaboration with foreign universities of repute, research agencies, and professional experts in the field for a continued enriching of teaching, research and of the field;
- continue to fully implement the method of outcome-based education (OBE) and institutionalize KPI for teaching and research in all departments in furtherance of UAP's success in academic excellence;
- expand postgraduate programs, strengthen laboratory facilities for all departments, and to offer postgraduate program in Law to the students from SAARC countries under the agreement with the Madanjeet Singh South Asian Institute of Advanced Legal and Human Rights Studies (UMSAILS); and
- prepare for participating in 2021 International Collegiate Programming Contest (ICPC) World Final.



# 5

## FACULTY CAPACITY DEVELOPMENT & QUALITY IMPROVEMENT

UAP is very keen on developing capacity of its faculty members and staff thereby improving the quality of scholarly work and teaching-learning leading towards creating impact on the society. UAP contributes to faculty capacity development and quality improvement by carrying out the following training activities:

### Training on OBE

UAP has initiated training of faculty members by phases, in most recent method of outcome based education (OBE) for quality assurance in teaching and learning. To institutionalize quality assurance culture at all levels of the university, UAP has incorporated Institutional Quality Assurance Cell (IQAC) into its organogram to move quality assurance initiative from its nascent groundbreaking success to make it a regular integral academic process. To continue training faculty members, each department has established its Self-Assessment Committees (SACs). During next year, 2019-20, faculty members of eight Departments shall follow a road map to:

- Follow four year long post self-assessment Improvement Plan (PSAIP) of eight Departments,
- Prepare outcome based curriculum for each program and measuring learning outcomes thereof,
- Revise and improve templates on TOS of question setter and course outline, and
- Introduce assessment tools of different types, as required for OBE.

### Training on Improving Learning and Teaching Skills (ILTS)

ILTS is a 36 hours long faculty development program intended for the newly joined faculty members. The primary objectives of the training program are to:

- Provide the newly joined faculties with a guideline on how to improve teaching, and
- Assist them to prepare their respective course files effectively for modern ways of education.

Forty Lecturers & Assistant Professors of different departments have taken ILTS course during FY2018-19. Besides in-house trainers, Professor Dr M. Mozahar Ali, Director, Graduate Training Institute, Bangladesh Agricultural University, Mymensingh and Parveen S. Huda, Managing Director, Renaissance Consultants Ltd conducted the training.

### Workshops and Seminars

Each Department organizes many workshops and seminars throughout the year to stimulate learning and scholarly thinking among faculty members and seniors students. Such academic activities are fully presented under the achievements of each department. Here we are presenting a following few as illustrative ones.

### Workshops

Workshop on "Common Mistakes in Modeling Research Problem", was held on December 2-3,

2018. It was conducted by Prof. M. A. Baqui Khalily, PhD (Ohio State University), Former Professor, Department of Finance, University of Dhaka and the former Executive Director, Institute for Inclusive Finance and Development. Nineteen faculty members of the department attended the workshop.

Dr Navid Saleh, Associate Professor, University of Texas at Austin, USA, conducted a workshop on "Research Methodology: Conception, Design, and Publication of a Research Idea". Thirty one faculty members and seventeen graduate students attended the workshop. Dr Mizanur Rahaman, Director, IEERD organized the workshop to enhance research capability of the faculty members. Senior Vice Chairman, BOT, Dr M Alauddin inaugurated this highly successful workshop. The participants rated the workshop as "most useful".

## SEMINARS

The Department of Architecture organized "*Two Conversations: Structure in Architecture*" – a conversation between Ar. Bashirul Haq, an eminent senior Architect of Bangladesh and Principal Architect of Bashirul Haq and Associates and Dr. M Shamim Bosunia, Emeritus Professor, Department of Civil Engineering on April 29, 2019 in the jury space of the department. The conversation was focused on how architecture and structural knowledge are intertwined and how both the professionals play role in the construction of a design. To the students and faculty members, it was a great learning experience.

The Department of Civil Engineering organized a seminar on "*Science and Engineering Research in US - Role of the Government, National Labs and Universities*" on 19 December 2018 at UAP Auditorium. Dr. Taher Saif, Professor of Mechanical Science and Engineering of University of Illinois at Urbana-Champaign gave this seminar. The seminar was jointly organized by Department of Civil Engineering and Bangladesh Academy of Sciences (BAS) as part of UAP CE Seminar Series.

The participating faculty members and senior

students learnt about the background history of American research and higher education, how American Universities have become the global hub of learning and innovation through decades and what has been the role of US Government and National Science Foundation (NSF) in promoting high-impact research.

The Department of Pharmacy organized a seminar on 'Sharing Research Ideas and Research Experience' with Dr Isa Naina Mohamed, Associate Professor, Department of Pharmacology, Faculty of Medicine, Universiti Kebangsaan Malaysia (UKM) as Keynote Speaker. The other speakers were Dr Ima Nirwana Soleiman, Professor, Department of Pharmacology and Deputy Dean, Faculty of Medicine, Universiti Kebangsaan Malaysia; Dr Md. Selim Reza, Professor, Department of Pharmaceutical Technology, University of Dhaka. The faculty members and the senior students benefited from the highly useful seminar.

Department of Computer Science & Engineering organized a seminar on "*Human Computer Interface: Action with Advanced Technology*". The seminar was given by Professor Dr Jungpil Shin, from University of Aizu, Japan on March 24, 2019. In this seminar, he talked about non-touch HCI using Motion gesture sensor, Gestural flick input-based character input system, Disease Diagnosis using Pen-Table. He showed the recent activities of his lab which include Character Generating based on human activities detected with sensors. A practical demonstration of how this character generator works was given. He later discussed about the future prospects of this technology.

Department of Computer Science and Engineering of University of Asia Pacific (UAP) organized another seminar on "*Brain Engineering: Future Opportunity and Feasibility*" on July 8, 2018 at UAP Central Auditorium. Mr. S. M. Mahabub Alam, MD & CEO, Massive Star Studio Ltd. & Massive Business Academy spoke on how the brain is one of the most astonishing and intricate parts of the human body. Professor Dr Abdur Rab, Vice Chancellor, IUBAT, talked about how brain engineering will revolutionize the world and engineers will further engage themselves in brain research.

The Department of EEE organized a seminar on 'Principles of Coherent Optical Communication' in association with IEEE UAP Student Branch and IEEE Communication Society Bangladesh Chapter. The eminent scholar and IEEE Fellow Joseph M. Kahn, Professor at Department of Electrical Engineering, Stanford University, CA, USA was the keynote speaker. Final year students and faculty members were immensely benefited from the participation in the seminar.

The Department of Law and Human Rights in continuation of its *Law Lecture Series* organized 10<sup>th</sup> Law Lecture; Barrister Rakanuddin Mahmud, Senior Advocate, Supreme Court of Bangladesh was the Distinguished Speaker. He spoke on the topic, "Review of Judiciary and Activism".

The previous notable speakers include Justice S. K. Shinha, Former Chief Justice of Bangladesh, Mr. Justice Md. Tafazzul Islam, Former Chief Justice of the Supreme Court of Bangladesh, Justice Refaat Ahmed, Honorable Justice of the Supreme Court of Bangladesh, Dr. Kamal Hossain, Barrister M. Amir-UI Islam and the like.

## Support to Faculty Members for Research, Publication, and Conference Attendance

UAP focuses on 3 Qs – Quality Research (QR), Quality Publication (QP) and Quality Conference Paper (QCP) and supports the faculty members through its Institute of Energy, Environment, Research and Development (IEERD) as well as through respective departments. The goal of such support is for faculty capacity development in quality teaching, research and scientific publication. During the year, UAP has invested an amount of Taka 3.03 crore for research and development.

## Study Leave to Faculty Members for Higher Studies

During the financial year, 35 faculty members – 13 female and 22 male got study leave to study abroad. Another 31 faculty members had been granted study leave earlier. That makes a total of 66 teachers are on study leave. Fifty three faculty members doing their PhD and 13 others are doing their Master's in the universities abroad.



# 6

## FACULTY SERVICES TO THE FIELD & ACADEMIA

The faculty members of the different departments, in their expanded obligation, contribute their respective expertise to their co-academia and discipline-related industry, be it government, private sector, non-government, local or international agencies. Besides, individual level professional services, the university has established a multi-disciplinary expert services center to offer faculty-created knowledge and skills in service to the needs of the community people and institutions. This section documents the services provided during the year.

### Department of Architecture

**Ziaul Islam**, Associate Professor

**Invited Jury Member**, Open Architectural Design Competition for the design of *"Multistoried office cum commercial building on "Underground Substation"* Organized by Dhaka Power Distribution Company Limited (DPDC) in association with Institute of Architects (IAB) in May 2018.

**Md. Shoeb Bhuiya**, Assistant Professor

**Invited Juror**, Open Architectural Design Competition for the design of *"Commercial (office) Green Building" for Infrastructure Development Company (IDCOL)"* organized by Infrastructure Development Company (IDCOL) in association with Institute of Architects (IAB) in September 2018.

### Department of Business Administration

**Professor Dr Mohammed Tareque Aziz**

**Consulting Editor**, "Bangladesh Textile Today", Amin & Jahan Corporation Ltd, since 2017 to date.

**Reviewer**, SCOPUS indexed journals published by Emerald, Taylor & Francis, SAGE and Elsevier since 2014 to date.

**Copyright owner and patent applicant** of "Service Quality Index" system in Bangladesh.

### Department of Computer Science and Engineering

**Professor Dr Bilkis Jamal Ferdosi**

**Member**, Evaluation Team (formed by the Board of Accreditation for Engineering and Technical Education, Bangladesh) for assessing accreditation of the BSc program in the Department of Computer Science and Engineering, Southeast University, Dhaka, April 2019.

### Department of Civil Engineering

**Professor Dr Muhammad Mizanur Rahaman**

**External Examiner**, PhD Thesis, Faculty of Engineering, Built Environment and Information Technology, University of Pretoria, South Africa, from September to October 2019.

**Member of the Editorial Board**, International Journal of Sustainable Society, Inderscience Publishers, UK, from 2009 to date.

**External Peer Reviewer**, Research Grant Application of International Center for Integrated Mountain Development (ICIMOD), Nepal, from April 2019 to May 2019.

**Invited Lecturer**, Foreign Service Academy, the Ministry of Foreign Affairs, Bangladesh from April

2019 to May 2019.

**External Expert**, Technical Committee of Water Resources Planning Organization (WARPO), Government of Bangladesh, from April 2019 to date.

### Professor Dr Farzana Rahman

**Principal Investigator**, research project on *“Trip Chaining and Mode Choice Modeling and Feasibility of Ridesharing Services”* in association with MIST from July 2016 to June 2019.

**Co-Principal Investigator**, in research projects on:

- “Assessing the Bus Priority Lanes for Shahbag and Bijoy Sharani Intersection”* in collaboration with BUET from February 2015 to May 2019.
- “Gender and Transport Nexus: Achieving a more equitable and inclusive society”* funded by Eastern Asia Society for Transportation Studies International Research Group (IRG) from August 2016 to September 2019
- “Bus Service Quality Prediction”* in collaboration with Loughborough University, UK from May 2018 – May 2019.

### Professor Dr Tanveer Ferdous Saeed

**Principal Investigator**, research project on *“Fecal Sludge Management”* funded by WaterAid Bangladesh, from April 2018 to December 2018.

## Department of Electrical and Electronic Engineering

### Professor Dr Kazi Mohiuddin Ahmed

**External Examiner**, PhD Thesis, School of Engineering, University of Melbourne, Australia from 2013 to date.

### G. R. Ahmed Jamal, Associate Professor

**Quality Assurance Expert**, HEQEP, UGC from 2018 to date.

**Expert Member**, External Peer Review Team, Computer Science and Engineering Program,

East West University, Dhaka, 3-5 July 2018.

**Trainer**, in workshops on preparation of OBE curriculum of:

- Department of Law, Eastern University, Dhanmondi, Dhaka, 14-16 February, 2019.
- Department of Electrical and Electronic Engineering, Eastern University, Dhanmondi, Dhaka, 23-25 January, 2019.
- Department of Electrical and Electronic Engineering, Bangladesh University of Business and Technology (BUBT), Mirpur, Dhaka, 23 December 2018.
- Department of Electrical and Electronic Engineering, Metropolitan University, Sylhet, November 1, 2018.

## Department of English

**Dr Mehnaz Tazeen Choudhury**, Associate Professor

### Member:

- Review Committee, *The Asian Conference on Language Learning (ACLL2019)*.
- Editorial/Review Committee, Shanlax International Journals, India.

**Ms. Ismat Zarin**, Assistant Professor

### Member:

- European Centre for Research, Training and Development*, UK from 2018 to date.
- Editorial Board, *EAE (Experts of Academic Excellence) Research Centre*, UAE since 2016.
- Editorial Board *ELK Asia Pacific Journal of Social Sciences*, India (ISSN: 2394-9392) from 2015 to date.
- Editorial Board, *Ideal Journal of Education and Policy Studies*, Nigeria (ISSN: 2067-7723) from 2018 to date.
- Advisory Panel, Evolution360, an UN-affiliated Community Organization based in Bangladesh working for gender equity from 2018 to date.

## Department of Law and Human Rights

**Md. Asaduzzaman**, Associate Professor

**Visiting Scholar**, Kansai University, Japan, from June 2018 to July 2018.

**External Examiner**, LLM Program, Faculty of Law, University of Dhaka, from March 2019 to date.

**Dr Chowdhury Ishrak Ahmed Siddiky**, Assistant Professor

a. **External Examiner**, LLM Program, Faculty of Law, University of Dhaka, from March 2019 to date.

b. **Program Director**, UNESCO Madanjeet Singh South Asian Institute of Advanced Legal and Human Rights Studies, from April 2019 to date.

**Md. Abdur Rahim**, Assistant Professor

**Adjunct Researcher**, Bangladesh Institute Social Research (BISR), from June 2018 to date

## Department of Pharmacy

**Professor Dr Mohiuddin Ahmed Bhuiyan**

a. **Member**, PhD Oral Examination Committee, Department of Pharmacy, Jahangirnagar University, 2 May 2019.

b. **External Member**, Examination Committee of M. Pharm (Pharm. Tech.), Dhaka University, 25 March 2019.

**Professor Dr Swarnali Islam Khanadaker**

**Member**, PhD Oral Examination Committee, Department of Pharmacy, Jahangirnagar University, January 21, 2019.

## UAP CRTTC Services to the Community

UAP has formed Center for Research, Training, Testing and Consultation (CRTTC) in 2004. It is a common platform to make UAP's valuable services to the society. CRTTC has been offering expert services of UAP faculty-created knowledge and skills for effective and efficient solutions to the needs of the people, government, and private institution.

The Center for Research, Training, Testing & Consultation (CRTTC) expert services offered are in the fields of Civil Engineering, Electrical and Electronic Engineering, Computer Science and Engineering, Architecture, Pharmacy, Business Administration, Law and Human Rights, English, and Basic Science and Humanities.



## SERVICES RECEIVED FROM THE FIELD TO UAP ACADEMIC PROGRAMS

It is increasingly recognized that academia linkage with industry, alumni and other stakeholders, augments each other and strengthens mutual growth and development. On the one hand, academic programs get to know what technological changes and innovations are happening in the field and update curriculum from time to time; the fields, on the other, industry gets human resources updated in knowledge and capacity suitable for the industry.

UAP thus requires field exposure of its graduating students to their respective fields and industries. The fields range is very wide – they range from power plants to pharmaceutical industries, from local to international banks and financial institutions, from small company to mega corporations, from architectural firms to famous architectural sites, from water resource planning organization to road transport authorities, from cement manufacturing plants to construction companies, from law firms to the judge's court.

All of UAP Departments send their students to such a wide range of fields to undergo internship or for a short visit to seek and gain experiential learning in preparation of their professional career. Some are of short, some are of relatively long duration.

For example, in every semester, on an average, 80-90 pharmacy students go for in-plant training to 20-25 pharmaceutical companies for a period of 2 to 4 weeks. Without such in-plant internship training, the Pharmacy graduates would not be eligible for getting registration from Pharmacy Council of Bangladesh. The pharmaceutical company provided in-plant training meets such mandatory requirement.

The Department of Business Administration has received cooperation from 40 organizations in accepting its graduating students for internship for a period of three months.

Similarly, the Department of Architecture, graduating students successfully complete their 12 week long mandatory non-credit Internship course in 20 renowned Architectural Firms.

Besides internships, students of all departments undertake study visits to the “fields” allied to each discipline, learn their methods of operations, and know the advances in technologies in use.

In addition to internships placements and visit to industries, the departments bring expert field professionals and experience alumni to the class for sharing their “field-based” knowledge with the students and faculty members.

To strengthen UAP linkage with industry further, UAP has started setting up Industrial Advisory Panel of field experts for the Department of Civil Engineering. UAP shall set up such Panel of Industrial Advisors for other departments as we progress in experience with the initiative taken.

The support UAP gratefully received from the field during the year to its academic programs is phenomenal. The supports received from the fields strengthened UAP's academic programs; and, in return, UAP strengthened the fields with well educated, proficient human resources it produces for a common vision of growing together for a better society.



## SERVICES TO THE STUDENTS

UAP is committed to providing caring services to the students so that they get an environment conducive to pursue their academic goals. UAP provides the following services to the students:

- Orientation to the new students
- Scholarships and Tuition Waivers
- Health Care Services
- Information-awareness on international opportunities for higher studies
- Career Grooming Services and
- Co-curricular activities

### Orientation to the New Students

Orientation to the refreshers were given both in Fall 2018 and Spring 2019. An information booklet containing the details of what a student needs to know is given and students are advised to keep it handy for use as need arises. In addition, the speakers at the orientation talk about the services students are entitled to receive and general expectations from the students, what they should do and not do.

### Scholarship and Tuition Waivers

A large number of students receive financial support from the university. There are merit scholarships, tuition fee waiver on academic performance, freedom fighter's waiver, BOT members' and VC's special waivers for the deserving students. Tuition fee waiver ranges from 10 to 100 percent of tuition fees depending on the academic achievements. During Fall 2018, a total 1,737 students received different categories of financial support on grounds of

merit and disadvantaged social and economic circumstances. UAP gave an amount of Taka 3.2 crore to the students as financial support in Fall 2018 – which is 9 percent of the tuition income – much higher than the government mandated 6 percent.

During Spring 2019, financial support volume on grounds of merit and disadvantage was even bigger to cover larger number of beneficiaries. UAP gave an amount of Tk 3.46 crore to over 2,000 students as financial support in Spring 2019 – which comes to 9.4 percent of the tuition income – again, much higher than the government mandated 6 percent.

### Health Care Services

UAP has set up a Health Care Services Centre. The Centre provides the following services for the benefit of the good health of the UAP family:

#### Medical Services

The 5-member Medical Services Team provides immediate attention to the students and the staff in case there is illness. The medical services team consists a male and a female doctor, a nurse, a counselor, and a support staff.

The Medical Services Team works on every work day. During the financial year, the team has provided health examination and prescription services to a total of 2,911 students and staff, a little over one-fourths were female. Referral is also an important service provided by the medical services team. During the year, 45 cases have been referred to different specialized services.



The Medical Services Team has established a collaborative relationship with Medinova Diagnostic Services. On referral from the Medical Officer, Medinova offers Lab test services to UAP students and staff at a discount rate. It is interesting to note that seeking services to prevent obesity/overweight is emerging as a medical need for the students and staff at the campus.

### Insurance coverage

All the students of UAP are covered with insurance. In case of death, the Insurance Company pays Tk.100,000 to the family of the deceased student.

### Social Counseling Services

The Directorate of Student Welfare Services (DSW) has set up a Social Counselling Centre

(SCC) with the aim to promoting mental health and psychological well-being among the UAP students, faculty members and staff. SCC ensures that the individuals here remain psychologically and socially healthy during the university years and beyond.

During the year, as of end of June 2019, the Social Counselor served 70 students, faculty and staff members. Of them, 40 were males and 35 were females. The total number of service sessions were 318. Besides counselling services, DSW and Departments also organize awareness campaign and seminar.

The DSW Social Counseling Centre organized an awareness campaign on "Drug and Mental Health at UAP" to make the students aware about drugs and mental health issues. The Department of Pharmacy organized a seminar on "How to Deal with Study Related Stress" in collaboration with Sun Pharmaceutical (BD) Ltd. A famous Psychiatrists, Dr Mekhla Sarker, Associate Professor, Department of Psychiatry, National Institute of Mental Health was the keynote speaker.

### Information Awareness on Higher Studies through Office of International Affairs



Special Guests Mr. Nicholas Papp, Ms. Julie Nickles, and Mr. Kelly Ryan from American Center and Mr. Tirtho Mahmood from British Council at the inauguration ceremony of OIA at UAP Auditorium with Members of Board of Trustees, Vice Chancellor, Pro-Vice Chancellor, and Director of OIA.

Office of International Affairs (OIA) was set up at University of Asia Pacific in May 2018 with the objective to addressing the needs of the students and faculty members to explore collaborative opportunities between and among universities at home and abroad.



Mr. Nicholas Papp from American Center discussing about prospects of higher education in the USA.



Mr. Jerald Joshua from James Cook University, Australia speaking at the seminar

OIA has been playing active role in creating awareness among the students and the members of the faculty. During the year, OIA organized three following seminars:

- Prospects of Higher Education in USA" by EducationUSA, US Embassy;
- "Higher Studies Abroad: Opportunities in Australia by "PFEC Global" representing James Cook University, Queensland, Australia"; and
- "Prospects of Higher Studies in Malaysia: Opportunities at University Teknologi Petronas (UTP)

Besides, one Consultation and Information

Session was held on "Application processing and placement of students in Canada, Australia and New Zealand" by IELTS Co-owner IDP Bangladesh.



## Services through Directorate of Student Welfare (DSW)

Established in December 2016, DSW is the meeting point for the students of UAP to participate in various co and extra-curricular activities of the University. The objective of DSW is to emphasize the wholeness of the university experience for the development of the students' body, mind, and spirit. It emphasizes on enhancing the opportunities for the students to experiential learning "outside of classroom" and through various co-curricular activities.

UAP has over 100 student clubs; most are department-specific and domain of their activities is for serving the students of the respective department. These Clubs are supervised by the advisers, who are faculty members of the UAP and take keen interest in the club activities. The 15 central clubs are managed by the DSW. DSW's scope of work is for the entire student of the university. The clubs give opportunities to students to discover and hone their true potentials. Through these clubs, students are able to develop their organizational, management and leadership skills.

At the beginning of every semester, DSW organizes Club Fair at UAP Plaza. Fifteen central clubs exhibit their accomplishments and activities to attract and encourage newly admitted students to join the clubs of their choice and enliven their university life.



Photographs of Fall 2018 Club Fair

The clubs, both at the department and at the central level, remain busy with full of activities throughout the year. The Department based club activities are presented under each Department. Here only a few of the highlights of DSW activities are presented.

### Career-related Services

During the year, DSW organized 12 career-related activities; some of those are:

#### Career Goal-Setting Workshop

Ms. Parveen S. Huda, Managing Director and Lead Consultant, Renaissance Consultants Ltd., and Ms. Mohsina Ashraf, CEO and Lead Consultant Triskele Ever conducted the workshop. The purpose of the workshop was to help the students to learn to identify what their key competencies are, focus on their career goals and on how to achieve those goals.



Ms. Parveen S. Huda, Managing Director and Lead Consultant, Renaissance Consultants Ltd speaking at the workshop

Ms. Mohsina Ashraf, CEO and Lead Consultant Triskele Ever conducted the workshop on how to improve Communication and Presentation Skills. She presented different visual contents and data to understand and develop effective

communication and presentation skill. The participating students have learned different methods of communication and presentation.



Workshop on "Communication and Presentation Skills"

#### UCB Public Parliament Debate Competition 2018

With the goal of improving speaking and articulating skills, UAP debate team took part in "UCB Public Parliament Debate Competition 2018". The topic was, "The Road Transport Act 2018 – Will it Restore Discipline in the Road Transportation System". UAP debaters opposed the motion and won the first round.



UAP debate team with the Chief Guest Mr. Syed Abul Maksud.

#### Entrepreneur Summit, 2018

Entrepreneur Summit-2018 was organized in cooperation with Bangladesh Open Source Network (BdOSN) at the UAP campus with an objective to build awareness and create new entrepreneurship ideas among the youths.



National Professor Dr. Jamilur Reza Choudhury, Vice Chancellor of UAP inaugurated the Summit. Kazi Aminul Islam, Executive Chairman, Bangladesh Investment Authority, Mr. Munir Hasan, Coordinator, Youth Programme, Prothom Alo and Founder, BdOSN; Mr. Mominul Islam, Managing Director & CEO, IPDC Finance Ltd.; Mr. Mostafizur Rahman, Project Director, a2i, Government of Bangladesh spoke at the summit and inspired the students of UAP to think in terms, 'I shall give job, not seek job'.

### Youth Symposium on Social Entrepreneurs

The UAP DSW in collaboration with Youth School for Social Entrepreneurs (YSSE) organized "Bangladesh Youth Symposium 2019". Professor Dr Abdul Hannan Chowdhury, Vice Chancellor, Primeasia University and Mr. Ashfaq Zaman, Mentor of Queen's Young Leaders addressed the symposium. Mr. Knadaker A. Mamun, Founder and Chairman of CMED Health, was the keynote speaker, while Mr. Tajdin Hasan, Head of Marketing, The Daily Star, took the session on marketing of a new product by a new venture.



### Female Entrepreneurs' Fest

The Entrepreneurship and Career Development Club hosted an exhibition, called "Passion to Action: Female Entrepreneurs' Fest". Female entrepreneurs of Bangladesh exhibited their products in different stalls and provided UAP students an opportunity to get ideas on the prospects and challenges to start-up business in Bangladesh.



The UAP, in association with Innovation Design and Entrepreneurship Academy (iDEA), Startup Bangladesh, Center for Research and Information, and Young Bangla organized an event, "Student to Startup- Season 1" at its auditorium. The purpose was to review the innovative business ideas of different teams of students.



iDEA Project Assistant Programmer, Mr. Zenith Biswas, Student to Start-up Coordination Cell Communications Officer, Jawwad Bilayet Sarkar and Md. Solyman Hossain facilitated the workshop. A total number of 87 teams including 57 teams from UAP submitted their start-up ideas.

### Seminar on Careers in IT & IT enabled Services Industry

The DSW and Renaissance Consultants Ltd. jointly organized the seminar on “Careers in IT & IT enabled Services Industry”. Mr. Md. Imdad Hossain Khan, Managing Director, *CodenCloud* and Mr. A Naser Ahmed, Former Head of IT, Edward M. Kennedy Center, conducted the seminar. The purpose of the seminar was to help the UAP students to identify recent trends and understand the future possibilities of IT and ITES industry in Bangladesh.



### MOU Signed with BRAC IT Services Ltd (biTS) for Students' Skill Building

An MOU between UAP and biTS is signed on 23 October, 2018. The aim is to create a win - win relationship by improving students' skill by organizing events, seminars and counseling sessions. biTS will offer internship to UAP students, implement on-campus recruitment of UAP graduates, collect CVS and organize mock interviews and undertake other activities for students' capacity building.

### Sports

#### Bangabandhu Inter-University Sports Champ 2019

The UAP participated in the 'Bangabandhu Inter-University Sports Champ 2019' organized by the Ministry of Youth and Sports. In a month-long competition, around 3000 athletes from 65 public and private universities took part in 10 events including football, cricket, badminton, table tennis, swimming, basketball, handball and athletics. UAP took part in Cricket, Football, Table Tennis, Badminton, Cycling, Relay Race, 100m run, and Half Marathon. UAP athlete, Istiaque Ahmad, won 3<sup>rd</sup> runner-up in the badminton.



#### Inter-Department Football Championship 2018

UAP Football Club organized the “Inter-Department Football Championship 2018”. Teams of all departments took part in the tournament. In the thrilling final match, the team of the Department of Electrical and Electronic Engineering defeated that of the Department

of Civil Engineering by 2-0. Supporters of both teams made the match lively and enjoyable.



Top - Department of EEE and Department of CE: Final match at BUET Playground.

Bottom - Winning Team-Department of EEE.

## Inter-Departmental Cricket Tournament- Fall 2018

The UAP Cricket Club organized the "Inter-Departmental Cricket Tournament- Fall 2018". All the teams from the eight departments participated. In the final match, the team of the Department of Electrical & Electronic Engineering (EEE) beat that of the Department of English in an exciting game. EEE won the championship by 44 runs.



Final match teams -- EEE and English;  
Bottom: Winning team of EEE



UAP students participating in different indoor-games.

## Cultural Events

### Pohela Boishakh 1426

The UAP celebrated Pohela Boishakh 1426 on 14 April, 2019. The day-long program organized by the Cultural Club began with 'Mangal Shobhajatra' in the morning. This colorful rally was followed by a cultural show where the students performed songs, dances, recitation and a short drama. A 'Boishakhi Mela', was also arranged at East Plaza where the students displayed and sold a variety of Bengali traditional products. The cultural show, mainly of folk songs, took place in the afternoon. The campus was colorfully decorated by the students of UAP where traditional Bangladesh was brilliantly depicted.



Boishakhi Mela 1426 inauguration.

### Film Festival Season-1

UAP Film Club organized, "UAP Film Festival Season -1" at its Auditorium. Ten short films made by the students of the university were screened. Awards were given to the Best Film, Best Director,

## Best Story, and Best Actor.



Members of the UAP Film Club with the awardees and the judges.

## Ujane Mrityu and Subarna Golak staged

The UAP Drama Club staged two drama -- "Subarna Golak" and "Ujane Mrityu" at the UAP auditorium. Subarna Golak, written by Bankim Chandra Chattopadhyay and directed by Mr. Fahim Malik Ivan, Lecturer, Department of Drama and Dramatics, Jahangirnagar University, while Ujane Mrityu, based on Syed Waliullah's novel, was directed by Dr. Mahamudul Alam, Assistant Professor, Department of Electrical and Electronic Engineering, UAP.



Drama show of Subarna Golak

## Cultural Competition 2018

The UAP Cultural Club organized an intra-university cultural competition. In the final round, there were 8 categories in the competition -

Rabindra Sangeet, Nazrul Sangeet, Folk Song, Modern Song, Dance, Recitation, Instrumental Music and Program Anchoring. Two winners from each category were selected by the judges for awards.



## Meet the Author Season 1

"Meet the Author Season 1" workshop was organized by the UAP Literary Club with a purpose to inspire in creative writing. Mr. Sadat Hossain, a young and popular author of the country facilitated the workshop as a resource person. He shared his journey as an author and suggested to students "how to put pen to paper and develop a script through creativity, experience, keen observation, and proper understanding of human psychology."



Mr. Sadat Hossain facilitating the workshop.

## Observance of the Days

The UAP observed the Independence and National Day of Bangladesh, and paid tribute to Bangabandhu Sheikh Mujibur Rahman, the Father of the Nation, the Liberation War Heroes

and the Martyrs by offering floral wreath at the altar of the National Martyrs' Memorial at Savar on Tuesday, 26th March 2019 marking the 49th Independence and National Day of Bangladesh.



UAP Offering floral wreath at the altar of the National Martyrs' Memorial at Savar.



Procession to the National Martyrs' Memorial at Savar.

UAP "Provat Feri" laid floral wreath at the altar of the Central Shaheed Minar on Thursday, 21 February 2019 to pay homage to the martyrs of the 1952 historic Language Movement marking the Language Martyrs Day and International Mother Language Day



Offering floral wreath at the altar of the Central Shaheed Minar

The UAP History and Heritage Club organized at UAP Plaza a day-long photo exhibition and a special lecture in memory of the Language Martyrs, jointly with Shaheed Barkat Museum, Dhaka University. Dr Abu Md. Delwar Hossain, Dean, Faculty of Arts & Professor, Department of History, University of Dhaka gave the lecture on "*Bangladesh: From Language Movement to Independence*". He described the movements from 1952 that led to the independence of Bangladesh in 1971 as an independent sovereign country.



Prof. Dr. Abu Md. Delwar Hossain of Dhaka University delivering his lecture.

## Creation of Awareness on National Concerns

### Gender Issues

A workshop on Gender Issues was conducted in cooperation with the Association of Commonwealth Universities (ACU). Among 90 applications from universities of 28 Commonwealth countries, 10 universities received the grant, the UAP was the only recipient

from Bangladesh. The expert resource persons on gender issues covered a wide range of topics, such as, Gender and Sexuality, Social and Cultural aspects, Women's Movements in Bangladesh, Review of Sexual Harassment Measures and Special Provisions for Women, such as Maternity Leave and Child Care Facilities.



Top: Professor Perween Hasans speaking as a special guest of the event;

Bottom: participants asking questions.

In addition to UAP, students from 16 different public and private universities attended the seminar.

### Challenges of Drug Addiction

In a seminar on 'Meeting the Challenges of Drug Addiction', Major General AMSA Amin (Retd), Chairperson of 'Madok Mukto Somaj, Bangladesh' introduced the activity of their organization and discussed how they are helping the university students to come out of drug addiction. The other key speaker was Professor Dr Kamrun Mustafa, Certified Drugs and Mental Health Counseling Specialist and a member of American Public Health Association.



Professor Dr Kamrun Mustafa delivering her lecture.

### Campaign on Awareness on Drug & Mental Health

The Social Counseling Centre organized an awareness campaign on drugs and mental health issues at UAP plaza. The program was designed with different kinds of activities throughout the day. There were ribbons on which different statements written like, "I am drug free, are you?", "Mental health matters!" etc.



Awareness Campaign on Drug & Mental Health

### Seminar on 'ABC of Drugs & Addiction: Let's Understand Drugs & Addiction for Better Prevention'

The Social Counseling Centre and the Social Awareness Club jointly organized a seminar on 'ABC of Drugs & Addiction: Let's Understand Drugs & Addiction for Better Prevention' at UAP. The seminar was facilitated by Dr. Ashique Selim, Lead Consultant Psychiatrist & Managing Director, PHWC. Dr. Selim oriented the students on what addiction actually means, what are different kinds of drugs, and what are the consequences of having those drugs. The way he broke the connotation of 'addiction' by bringing the perspective of cultural and social norms was so fascinating to the students of UAP.



Dr. Ashique Selim is delivering his lecture.

### Workshop on “Manage Your Exam Stress and Achieve More”

The Social Counseling Centre organized a workshop on managing stress during exams with an objective to help the students to recognize the nature and severity of their stresses. Usefulness of stress and how much of it is required to obtain the optimal performance in the exam were focused in the discussion. Following the discussion, students were provided with tools like ‘time management kit’ and ‘smart goal kit’ which are expected to help the students to manage the stressors and take better preparation before exam. In addition, the students were taught how to keep themselves calm during excessive stress with the help of diaphragmatic breathing and mindfulness exercises, which will help them to utilize their existing resources and do better in the exam.



Workshop on ‘Manage Your Exam Stress and Achieve More.’

### Youth Engagement and Preventing Violent Extremism in Bangladesh

A discussion session on “Youth Engagement and Preventing Violent Extremism in Bangladesh” was sponsored by the Bangladesh Enterprise Institute (BEI) and International Republican Institute (IRI), USA.

The purpose of the session was to generate awareness among the students against effect of violent extremism. Dr Geoffrey Macdonald, Resident Program Director for Bangladesh, IRI and Air Cdre (Retd.) Ishfaq Ilahi Choudhury, UAP Treasurer and Director, Directorate of Students’ Welfare (DSW), presented papers, while Mr. ASM Ali Ashraf, Associate Professor, Department of International Relations, Dhaka University, Mr. Sohrab Hassan, Joint Editor, The Daily Prothom Alo and Mr. Mohammad Humayun Kabir, Director General, BEI addressed the session as discussants. A lively Q&A session followed the presentations. The meeting was largely attended by the students.



From left: Dr. Geoffrey Macdonald, Air Cdre (Retd.) Ishfaq Ilahi Choudhury, Mr. Mohammad Humayun Kabir, Mr. Sohrab Hassan and Mr. ASM Ali Ashraf.

The DSW and the students clubs of the departments received enthusiastic supports from 28 partners and 7 sponsors.

# ACHIEVEMENTS OF THE DEPARTMENT

## Department of Architecture



### Vision

The Department of Architecture, with its caring and quality education programs, aspires to develop highly creative, environmentally adaptive, socially responsible and morally upright professionals to serve and lead the challenges of the upcoming contemporary world.

### Mission

The Department's mission is to continuously upgrade the scholastic endeavor and to evolve a teaching-learning environment that is engaging and conducive for guiding young inquisitive minds. By combining tradition with new innovations and creativity, the department acts as a center point for generation and exchange of ideas. The Department provides a vibrant

academic environment where the students, academicians, professionals, national and international peers and eminent personalities engage themselves on connecting, conserving, preserving, creating and applying knowledge for the betterment of the future and the society. The Department is deeply committed to facilitate the learning environment through state-of-the-art library, labs, workshops, studios and other infrastructural facilities to realize the full potential of our faculty members and students.

## Academic Programs

The Department offers an undergraduate program, Bachelor of Architecture (B. Arch). It is a UGC-approved 5-year professional degree program accredited by the Institute of Architects Bangladesh (IAB). The program consists of 198 credit hours. In addition, to fulfill the graduation requirement every student has to complete a 12 week long mandatory non-credit internship program under the supervision of a member of IAB.

The academic program focuses both on process and outcome based teaching and learning. The studio focused learning is designed to engage students with high-end academic and professional supports. Senior renowned practitioners are involved in the teaching-learning process which creates a wider and real life exposure of students to the current state of professional works. The department also arranges and encourages architectural study tours often as part of the academic program to orient, update and expose students to the master works as well as to the ground realities.

## Department in-take Capacity and Admission

The Department takes-in 60 students in its program per annum, 30 in each semester. An admission test is required; it is designed to assess the aptitude, creativity, drawing skills, and language and communication skills of a student. Students at Architecture Department come from different high school curricula and diverse background. The admission test, therefore, is designed to be an inclusive one. The Department maintains a full capacity admission for both Fall and Spring semesters. Thirty students are

admitted in each semester to ensure high quality, an engaging teaching and learning environment, maintain a standard teacher-student ratio, and provide adequate lab and infrastructural facilities for each student.

## Department Faculty

The studio-focused learning at UAP Architecture is ensured by the dedicated and caring full time faculty members and renowned practitioners for real life exposure of the students to current state of professional works and standards. The department has a strength of vastly experienced full-time faculty members many of whom have done their higher education from reputed universities. Among 18 full-time faculty members we have 02 with Doctoral degree and 10 with Master's degree. Three of our faculty members are pursuing their PhD and four others their Master's degree in different reputed universities. The current teacher-student ratio of the department is 1:15.

## Department Facility

The Department has 10 designated design studios and 4 laboratories, a computer lab, a carpentry workshop, a fabrication lab and building material lab facilities. All the studios allocate individual workstations to every single student along with full-time Wi-Fi support. The Department has 5 mobile multimedia projectors to support the studios and jury programs. The computer lab has 37 high-configuration PCs along with projector, printers and plotter facilities. The carpentry workshop and the building material labs are equipped with adequate equipment and facilities and are updated on a regular basis. The building material lab keeps samples of building and finish materials and helps demonstrate the construction and finishing process to the students. Apart from these facilities, there is a large Jury Space which acts as a multi-purpose area for holding different activities like Design Charades, Workshops, Presentations, Discourses and Public Lectures.

## Best Practices and Areas of Strength

Architecture being a subject of learning beyond class rooms, the department offers a range of supporting design activities by

arranging collaborations, lectures, discussions, open jury sessions, field trips etc. that make the teaching-learning process an engaging one. Field trips are an important component of architectural education as they expose the students not only to the architecture of different timeline and genre, but also let them explore the physical and social context in which the architecture is taking place. The department organizes regular field trips to architectural projects designed by modern masters, winning projects of international and national awards, contemporary projects, construction sites and related industries. Site visits to ongoing projects are organized through the help of acquaintances so that students gain practical knowledge of the field. Architecture Department also arranges special field trips to places of historical significance and heritage projects and engages both faculty numbers and students in practical conservation projects of national importance.

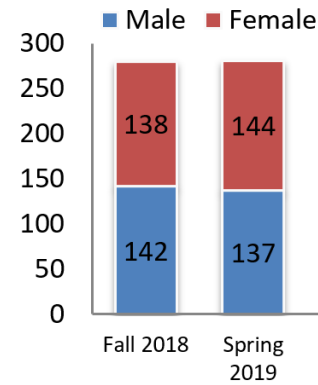
Architecture Department arranges Joint Studio Program with International Architecture schools to share ideas and experiences with the global academy and practices.



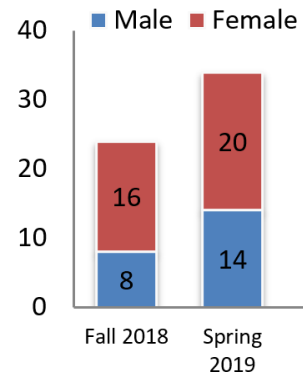
UAP hosted a joint studio with Dankook University, South Korea in January 2019

## Achievements of the Department

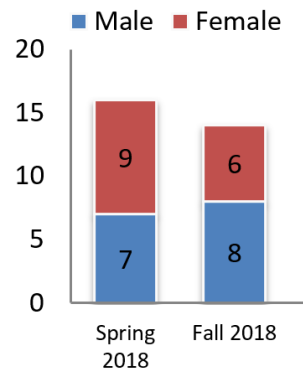
In the year 2018-2019, the Department admitted a total of 561 students, with about 50% ratio of male and female. 58 students got admitted and 30 students successfully graduated from the Department in this academic year.



Total Students in 2018-19



Students admitted in 2018-19



Students graduated in 2018-19

The Department of Architecture offers a creative environment encouraging diversity and creativity through engaging students in different activities. The department facilitates and encourages students to have hands-on experience by building various experimental structures on department premise as extended co-curricular activities.

Besides regular classes, different activities are conducted all through the year to keep the students engaged in an assortment of creative and constructive ventures. Some of the major achievements in this year are as follows:

## Design Charrette

Design Charrette is a form of competition where participants are given a topic and they have to prepare design in a given amount of time. A day long “Design Charrette” was arranged by the department of Architecture in April 2019 where students of first year and second year had participated.

## Participation in National Design Competition

- The Institute of Architects Bangladesh (IAB) organized a two-day long event “IAB Student Fest 2018” on November 2 and 3 at IAB center, Agargaon. Over 200 students from IAB accredited schools of architecture and 100 students from the non-accredited schools participated. Among many other events, in the competition for “Student’s Thesis Project” Nishat Tasnim won the first prize while Atikul Islam received commendation.
- The Institute of Architects Bangladesh organized a Thematic Poster Design Competition to commemorate the 95th birthday of Sthapatya Acharya Muzharul Islam on December 25, 2018. Mahamudul Gani Kanak and Ahsan Habib of level-4 Term-2 won the first prize in the competition. They along with Maisha Mosharrat and Arman Chowdhury of the same batch also won the third prize.



Mahmudul Gani and Ahsan Habib with Prof. Dr. Abu Sayeed M. Ahmed, Head of the Department and Dean, School of Environmental Science & Design, UAP

## Participation in International Conference

A student of level-5 Term-1, Sadia Lubabah presented her paper in the Sixth International Urban Design Conference on ‘Cities, People & Places’- ICCPP- 2018, organized by the University of Moratuwa, Sri Lanka. She coauthored the paper, “Railway transference urbanism: railway station as a potential socio-economic urban component” with two of her design studio Coordinators, Ar. Srijon Barua and Ar. Simita Roy.

## Joint Studio Program

UAP hosted a joint studio with Dankook University, South Korea from January 12-26, 2019 where a total of 20 students – 10 each from their respective universities took part in the design session. The session attempted to provide solutions for revival and urban regeneration of Panthapath and its surrounding area.



Group of Students from DANKOOK and UAP during the closing ceremony

## Workshop on Model Making

The students of the level 4 Term 2 organized the workshop; in organizing such workshops, the senior students act as the mentor to the junior level students and together work on the model making process. This workshop not only develops the model making skills of students but also help in strengthening the bond between the peers. Two Model Making Workshops were organized during Spring 2018 and Fall 2018.



Group of Students during the Model Making Workshop

## Grand Jury

Grand Jury of the Final Thesis of Fall 18 and Spring 19 combined was held at the Jury Space of the Department of Architecture. The panel of Jurors included notable Architects like, Ar. Bashirul Haque, Ar. Rafiq Azam, Ar. Ehsan Khan, Ar. NR Khan, Ar. Dewan Shamsul Arif, Ar. Kazi Golam Nasir; Faculty members of different Universities like, Ar. Mahmudul Anwar Riyaad, Associate Prof., BUET, Dr Mohammad Habib Reza, Assistant Prof. Brac University, Shams Mansoor Ghani, Senior Lecturer, BRAC University and students of different universities were present in the jury. The jury sessions were very interactive -- around 30 projects were presented and many current issues discussed which was beneficiary for the students.



Panel of jury members during the discussion

## Department Events

To arrange and organize different co-curricular activities, there are several groups or clubs in the department. The core club is known as *Architecture Students' Activity Club (ASAC)*. The architectural education system involves diverse

courses like photography, music, movie, art, and archeological site visits. The clubs are organized as platforms to create a scope for these interests, to make the students more attached with the Department, to build a stronger companionship, to free them from negative distractions, and to attract them to a positive view of life. Under the supervision of teachers, students often show their hidden talents and potentialities in these clubs. ASAC holds five different clubs namely Cultural Club, Movie Club, Photography Club, Sports Club, and Tour Management Club.

Co-curricular and extra-curricular activities of the clubs during 2018-19 fiscal years are summarized below.

## Cultural Program

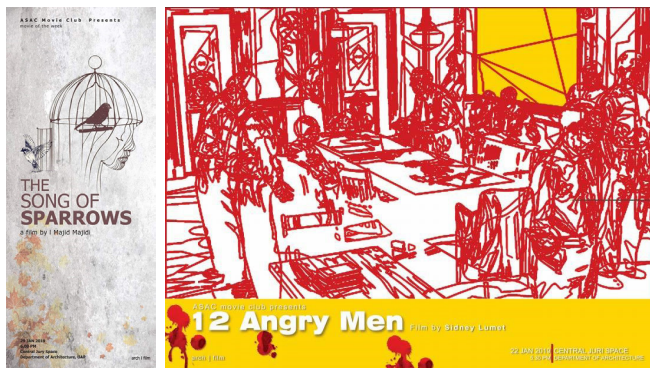
The students of the Department organizes a cultural program in each semester where they welcome the freshers and bid farewell to the graduating students. Students generally name their program with a unique Bangla name and the names this year were "Chakra" in Fall 2018 and "Nabang" in Spring 2019. Following the tradition of the department, mementoes were presented to the departing students by the faculty members and the new comers received theirs from the graduating students.



The Graduating and the Fresher's students of the Department during the program

## Film Show

The Movie Club Screens several movies every Tuesday after class hours, as part of regular film show regarding film appreciation as well as connection to design studios. The movies are screened in the jury space where the students gather relax in between classes. An orientation of the movies to be shown is discussed prior to the movie screening. The list of movies shown this year includes Hayao Miyazaki's Oscar winning "Spirited Away", Walter Salles "Central Station", Majid Majidi's Oscar nominated "Children of Heaven", Satoshi Kon's "Paprika", Zhang Yimou's "Not One Less", Lee Yong-ju's "Architecture 101", Aparna Sen's "The Japanese Wife", Majid Majidi's "The Song of Sparrows", "12 Angry Men", a 1957 American courtroom drama film directed by Sidney Lumet, adapted from a teleplay of the same name by Reginald Rose and many others.



Poster of the movies to be shown

## Photography Discourse

A Photography discourse, "Photo Adda" was organized by the ASPC club on 17 May. Some of the students presented their work in front of present students, including seniors and juniors, alumni and faculty members. A question answer session on the presented photographs was followed by a fruitful discourse by the participants.



Students & Faculty members during the discourse

## Exhibition

- The students organize exhibitions each semester for 2-3 days with selected Design Studio projects called, "Open Day Exhibition". The exhibition is held at the Central Court of the building and was open to all. The exhibition is accompanied with lecture series and discourses participated by the students, faculty members and alumni. Students and faculty members from different universities and practicing Architects came to visit the exhibition.
- Along with the Open Day exhibition, Ar. Muzharul Islam exhibited his archive of the University of Asia Pacific in the indoor game room.





Glimpses of the exhibition



Few glimpses of the Open Day Exhibition

- “Railway Transference Urbanism”, a Design Studio Project of level 4 term 1, was exhibited in the student’s project exhibition, “Urban Mobility: Design for Pedestrian” was held at Gyantapas Abdur Razzaq Bidyapeeth. Among others students of the University of Asia Pacific participated in the exhibition.

## Tours to Famous Architectural Sites

Amongst many others, field trips to different architectural projects by modern masters, award winning and contemporary projects, construction sites and related industries were arranged this year; some of the sites are:

- Jatiyo Shangshad Bhaban, Parliament building designed by Louis I Kahn in both the semesters.
- Oxford Church, BRAC Learning Center, Barisal in March 2019.
- Blues Communication Head Office, Solmaid Road, Vatara, Dhaka in May 2019.
- Mausoleum of the Father of the Nation Bangabandhu Sheikh Mujibur Rahman, Tungipara in March 2019.
- Sat Gambuz Masjid in Fall 2018.
- Heritage architectural projects like Bara Sarder Bari, and Panam Nagar, Sonargaon in Fall 2018, and
- Several other contemporary architectural projects and construction sites within Dhaka in both the semesters.





Some moments of different tours

## Faculty Members

### Dr Abu Sayeed M. Ahmed

Professor  
Head of the Department  
Dean, School of Environmental Science and Design  
Dr.-Ing.  
Institute für Baugeschichte, Faculty of Architecture, University of Karlsruhe, Germany

### Ziaul Islam

Associate Professor  
M. Arch.  
Bangladesh University of Engineering and Technology

### Md. Shoeb Bhuiya

Assistant Professor  
B. Arch.  
Bangladesh University of Engineering and Technology

### Naushad E. Haque

Assistant Professor  
Masters in Educational Leadership Planning and Management  
Institute of Educational Development (IED),  
BRAC University, Dhaka

### Masrur Mamun Mithun

Assistant Professor  
M.Arch.  
Dessau Institute of Architecture, Hochschule Anhalt, Dessau, Germany

### Nabanita Islam (On Study Leave)

Assistant Professor  
M.Sc. (Environmental Management)  
School of Design and Environment  
National University of Singapore, Singapore

### Md. Nawrose Fatemi (On Study Leave)

Assistant Professor  
M. Arch.  
Bangladesh University of Engineering and Technology

### Zareen Habiba Islam

Assistant Professor  
M. Arch.  
Bangladesh University of Engineering and Technology

### Muhtadin Iqbal

Assistant Professor  
B. Arch.  
Bangladesh University of Engineering and Technology

**Md. Rashed Bhuyan** (On Study Leave)

Lecturer

M. Sc. in Environmental Management (National University of Singapore), PhD (Architecture), Singapore (ongoing)

**Mehrab Iftekher**

Lecturer

MBArch.

Escola Tècnica Superior d'Arquitectura de Barcelona (ETSAB)

Univeritat Politècnica de Catalunya, BarcelonaTech (UPC).

**Nazia Tarannum** (On Study Leave)

Lecturer

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Bangladesh University of Engineering and Technology

**Chowdhury Md. Junayed** (On Study Leave)

Lecturer

B. Arch.

Bangladesh University of Engineering and Technology

**Jimi Chakma** (On Study Leave)

Lecturer

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Bangladesh University of Engineering and Technology

**Enam Rabbi Adnan**

Lecturer

B. Arch.

Bangladesh University of Engineering and Technology

**Srijon Barua** (On Study Leave)

Lecturer

B. Arch.

Bangladesh University of Engineering and Technology

**Udday Shankur Datta** (On Study Leave)

Lecturer

B. Arch.

Bangladesh University of Engineering and Technology

**Bin Sayeed Bakhti** (On Study Leave)

Lecturer

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**Iffat Salwa Nova**

Lecturer

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Bangladesh University of Engineering and Technology

**Nishat Tasnim**

Lecturer

B. Arch.

University of Asia Pacific

**S.M. Rumman Mashrur Chowdhury**

Lecturer

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Bangladesh University of Engineering and Technology

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Lecturer

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Bangladesh University of Engineering and Technology

**Karolina Maria Ozimek**

Lecturer

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**Nabila Ferdousi**

Lecturer

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Bangladesh University of Engineering and Technology

**Soumyabrata Roy**

Lecturer

B. Arch.

Bangladesh University of Engineering and Technology

**Iftekhar Uddin Ahmed**

Lecturer

B. Arch.

Bangladesh University of Engineering and Technology

**S.M. Ehsan Ul Haque**

Lecturer

B. Arch.

Bangladesh University of Engineering and Technology

**Adjunct & Visiting Faculty Members****Dr. Shamim Z. Basunia**

Professor Emeritus, UAP

Former President, The Institution of Engineers (IEB), Bangladesh

Ph.D, University of Strathclyde, UK

**Bashirul Haque**

Eminent Architect,

Bashirul Haq and Associates

M.Arch, University of New Mexico

B. Arch, National College of Arts, Lahore, Pakistan

**Kazi Golam Nasir**Chief Architect, Dept. of Architecture,  
Ministry of Housing & Public Works , Govt. of  
People's Republic of BangladeshB. Arch. (BUET), PG Diploma (Interior Design),  
Japan**Wakilur Rahman**Freelance Artist and Curator, Kala Kendra  
MFA,Central Academy of Fine Arts Peking, P.R. of  
China**Md. Rafiq Azam**

Architect

"SHATOTTO architecture for green living"

B.Arch, Bangladesh University of Engineering  
and Technology**Dr. M. Akramul Alam**

Professor, Dept of Civil Engineering, DUET

Ph.D. Bangladesh University of Engineering and  
Technology**Hasan Saifuddin Chanda**

Renowned and Pioneering Photographer

Founder Member, Map Photo Agency

**Md. Shamsul Alam**

Structural Engineer

The Principal Structural Engineer,  
TDM, The Designers & Managers.**Mamnoon Murshed Chowdhury**

Architect,

Partner, DWM4 Architects

Former Assistant General Secretary, Institute of  
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Architect,

Owner, Vista Architectural Consultant

Secretary, Profession, Institute of Architects  
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Senior Electro-mechanical Consultant

Graduated from BUET

**Md. Ruhul Amin**

Assistant Professor, BUET

M.Cons.Mgt.

UNSW, Australia

**Tanya Karim**

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Partner , Tanya Karim &amp; N.R.Khan and Associates

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PEng

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Bangladesh University of Engineering and  
Technology

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Environment, Wat-San and Plumbing Consultant.

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Architect,

DESHAR WORKS

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Bengal InstituteB.Arch, Bangladesh University of Engineering  
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Architect

**Sohrab Hossain**

Manager, Program Learning Operation, Save the Children

**Dr. M. Jahurul Haque**

Ex Chief Planner, RAJUK

**Monon Bin Yunus**

Architect

Partner at ROOFLINERS Studio of Architecture

## Conference, Symposium, Short Course, and Workshop attended by the Faculty Members

### Conference and Symposium Attended

**Ferdousi, Nabila**, (2018), 2nd International Conference on Green Architecture (ICGrA 2018), by Green Architecture Cell, Dept. of Architecture, BUET

**Adnan, E.R**, (2018), symposium on 'Challenges of Teaching Architectural History' and presented Dept. of Architecture, UAP's policy and status, arranged by Institute of Architect's Bangladesh on 21 July, 2018.

### Short Course Organized

**Ferdousi, Nabila**, (2018), Summer School 2018, by Laurie Baker Centre for Habitat Studies, Thiruvananthapuram, India

**Ferdousi, Nabila**, (2018), "Building Is Crafting" May 2018 Session, Short Course: organised by Bengal Institute

**Ferdousi, Nabila**, (2018), "Learning from the Aga Khan Award for Architecture": September 2018 Session, Short Course: organised by Bengal Institute

**Ahmed, Iftekhar Uddin**, (2018), Summer School 2018, by Laurie Baker Centre for Habitat Studies, Thiruvananthapuram, India

### Workshops Attended

**Ferdousi, Nabila**, (2018), Auroville Earth Institute Workshop: Arched Vaults and Domes – Theory & Masonary: 2018, by Auroville Earth Institute, Auroville, India

**Ferdousi, Nabila**, (2018), "What is Smart City?" Workshop 2018, by Daffodil International University

**Roy, Saumyabrata**, (2018), ADAN Summer Workshop, by Architectural Design Association of Nippon (ADAN), Osaka-Mihara-Gujo, Japan

**Roy, Saumyabrata**, (2018), The Challenges of teaching Architectural History, by Institute of Architects Bangladesh (IAB), Dhaka, Bangladesh

**Ahmed, Iftekhar Uddin**, (2019), Smart city - A dialogue Discussion and Brainstorming, by Daffodil University, Dhaka, Bangladesh.

## Lecture Series by Distinguished Professionals

- *"Two Conversations: Structure in Architecture"* - a conversation was organized between Ar. Bashirul Haq, an eminent senior Architect of Bangladesh and Principal Architect of Bashirul Haq and Associates and Dr. M Shamim Bosunia, Adjunct Professor, Department of Civil Engineering, UAP; the students and faculty members learnt a lot from the fruitful conversation.



Students and faculty members during the discussion "Two Conversations: Structure in Architecture"

- 'Book Hand-over Ceremony' was held on January 21, 2019 at the UAP Auditorium to hand over a book on *"Rafiq Azam: Architecture for Green Living"* to the Department. The world renowned Architect Rafiq Azam handed over the book on his work to Prof Sayeed

followed by a presentation on his recent works. This book is the first ever monograph on contemporary architectural practices in Bangladesh; it is dedicated to international-award-winning architect Mohammad Rafiq Azam.



Prof. Dr. Abu Sayeed M. Ahmed receiving a copy of the book from Ar. Rafiq Azam

- *"Music and Architecture"* -- a lecture was held on the subject on May 01, 2019 with Ar. Tanzir Tuhin, a Bangladeshi versatile musician, singer-songwriter, actor, painter, and architect, best known as a longtime member of the independent music group *Shironamhin*. Ar. Tuhin discussed how the structure and composition of music and architecture connect and complement each other and how such a relationship helps in the thought process. Being an architect himself, he answered the questions of students and faculty members on his own working process and good practices.



The poster of the lecture

- A lecture by Ar. Golam Morsalin Choudhury Rana, Managing Director, ALM Tensile Membrane Structure Ltd, Bangladesh was held in the Department on January 17, 2019 to

enhance the understanding of the potentiality of tensile structure in large span architecture. The lecture also introduced different available prefabricated steel structures and solutions in Bangladesh.

- A lecture by Ar. Nishat Ara Khandker, former Assistant Chief Architect, Department of Architecture, GOB was held in the Department on January 22, 2019 titled, "Ayubnagar to Sher-E-Bangla Nagar". She elaborated the transformation of the masterplan of national Capital Complex by Ar. Louis I Kahn from pre independent Bangladesh to the present.
- *"Learning Beyond Borders"* – Ar. Aroni Roy, an Alumni of the department presented on the topic on November 20, 2018. Ar. Aroni is an interdisciplinary designer who works with human interactions and intervention synthesizing towards architectural practice. Ar. Arony shared her learning based on international experience and shared thoughts with the students.
- *"Experience Abroad"*, Ar. Jimi Chakma, Lecturer (on leave) shared a presentation on her experience of studying abroad. Ar. Jimi is currently pursuing his M.Arch in RMIT University, Australia. He shared his thoughts and experiences at RMIT University with the students and faculty members.
- *"Loving Vincent"*, a talk by Artist Wakilur Rahman, a visiting faculty member of the Department was held in the Fall 2018 semester. Wakilur Rahman is simultaneously a painter, printmaker and a sculptor working both in Dhaka and Berlin since 1988. Based in Berlin for the last 22 years, he has been a force in the local art scene with his new ideas and novel thought-pattern.
- *"Architects in Practice: A Dialogue between Teachers, Alumni and Students"* – a discourse dialogue was organized on November 01, 2018. Alumni of the department from different consultancy firms, schools and other organizations, senior and junior faculty members and students of the department took part in the dialogue and learnt about opportunities and challenges of the profession.

- *“Presentation of Thesis Project”* – as a regular practice of the department, the newly appointed faculty members present their final year thesis project to the students and other faculty members. Such presentation acts as an ice breaker; the students get to know their new teachers through question answer session. Ar. Nabila Ferdousi, Ar. Iftekhar Uddin Ahmed, Ar. Shawpnil Ehsan and Ar. Saumyabrata Roy – all new faculty members joining the Department shared their projects on April 30 and May 2, 2019

### Opportunities of Grants for the Department Student

- An endowment fund, *“Teachers’ Endowment for Students of Architecture, UAP”* has been initiated by the faculty members in Fall 2018. Funds for the endowment came from the fees faculty members received for doing different consultation work for the UAP. Student of the department may avail this grant opportunity for activities like International Internship, Studio, Workshops and Conferences, etc.
- Another grant named *“Kazi Nasir Travel Grant”* was set up by architect Kazi Golam Nasir, the immediate Past President of IAB and Chief Architect of the Government of Bangladesh in Fall 2018. The selected students may avail the travel grant to gather first-hand experience of various national and international architectural projects.

### Faculty, Alumni, and Students’ Recognized

#### UAP Dean of Environmental Science and Design, Professor Sayeed’s book, *“Mosque Architecture in Bangladesh”* is awarded as *“Best Publication”*.

The General Assembly of the International Union of Architects (UIA) was held from the 7-11 June 2019, at Baku, the capital city of Azerbaijan where Ar. Abu Sayeed M Ahmed’s book, *“Mosque Architecture in Bangladesh”* was awarded under the category of *“Best Publication”*.

#### Faculty Members Recognized at IAB Design Award 2018 as Jurors

- **Ziaul Islam**, was one of the invited jury members of the Open Architectural Design Competition for the design of *“Multistoried office cum commercial building on “Underground Substation”* Organized by Dhaka Power Distribution Company Limited (DPDC) in association with the Institute of Architects (IAB) in May 2018.
- **Md. Shoeb Bhuiya** was one of the invited jurors of the Open Architectural Design Competition for the design of *“Commercial (office) Green Building” for Infrastructure Development Company (IDCOL)* organized by Infrastructure Development Company (IDCOL) in association with the Institute of Architects (IAB) in September 2018.

#### National Awards Received by Faculty Members

- **Chowdhury, Rumman Mashrur**, was awarded 2nd winning entry as a team member in the Open Architectural Design Competition for the design of *“Commercial (office) Green Building” for Infrastructure Development Company (IDCOL)* organized by Infrastructure Development Company (IDCOL) in association with the Institute of Architects (IAB) in September 2018.
- **Chowdhury, Rumman Mashrur**, Awarded 2<sup>nd</sup> winning entry for national design competition as a team member of NHA (National Housing Authority) organized by IAB & NHA (2018).
- **Chowdhury, Rumman Mashrur**, Awarded Honourable mention as a team member in the national design competition for BERC head office (Bangladesh Energy regulatory commission) organized by IAB & BERC.
- **Adnan, Enam Rabbi**, Awarded Sharfuddin Scholarship from BUET for the Highest grades in 4th year Urban Design Studio at Bangladesh University of Engineering & Technology in 2018.

## Student Achievements - Won Design Competition

The Institute of Architects Bangladesh organized a “Thematic Poster Design” Competition to commemorate the 95th birthday of Sthapatya Acharya Muzharul Islam on the December 25th 2018. **Mahamudul Gani Kanak** and **Ahsan Habib** of level-4 Term-2 won the first prize in the competition. They along with Maisha Mosharrat and Arman Chowdhury of the same batch also won the third prize.

## Internship with famous Architectural Firms

Thirty students have successfully completed the 12 week long mandatory non-credit Internship course in 20 renowned Architectural Firms this year. To name some are: ARCHEGROUND LTD., DEHSAR WORKS, DWM4, Tanya Karim NR Khan & Associates (TKNRK), URBANA, VITTI Sthapati Brindo Ltd., FORM.3 architects and many more.

## Faculty Capacity Development Supports Available

- With support from IEERD, Enam Rabbi Adnan, Lecturer, attended the International Conference of the Faculty of Architecture Research Unit (FARU 2018) in Galle, Sri Lanka from 08-09 December, 2018. His paper is published in the Conference Proceedings.
- Under UAP’s program on Improving Learning and Teaching Skills (ILTS), the young faculty members -- Rumman Mashrur Chowdhury, Anika Tasnim Ananna, Nabila Ferdousi and, Saumyabrata Roy attended the day-long orientation program for further developing their teaching and learning skills.
- All the Faculty members have attended training organized by UAP IT Section on use of tools to carry out registration and assessment.
- The department encourages young qualified faculty members to take study leave to pursue their higher education abroad. Udday Shankur Datta, Bin Sayeed Bakhti and Srijon Barua have availed of the study leave this year.

## Exhibition and Lecture Series on Muzharul Islam Archive

Since its establishment on 25 December 2005, the Department of Architecture has been the host of “The Muzharul Islam Archive” and custodian of the original drawings of the architect. The archive maintains and catalogs the drawing and other related materials of Architect Muzharul Islam’s work and life. As a part of this initiative, the archive has already collaborated with different organizations in international and national level exhibitions.

- “Exhibition of Masterplan of Muzharul Islam”, was organized by Muzharul Islam Archive in association with IAB( Institution of Architects Bangladesh) on the occasion of the birth anniversary of the Master Architect at IAB Centre in Agargaon from 25 December, 2018 - 02 January, 2019
- “Exhibition of Drawings of Muzharul Islam”, was organized by Muzharul Islam Archive in association with the Department of Architecture, NSU (North South University) as a concurrent event of a 2-day Lecture Series, from 20-21 March, 2019

## Pursuance of Culture of Faculty Creativity

Faculty members of the Department meet on weekly basis to review and update their respective design studio and theory class status. This interaction, exchange, updates and learning of lessons amongst and between teachers of different studios often help in sharing problems faced in different classes and to adapt new innovations and techniques from peers.

UAP has recently taken a measure to train faculty members, through IQA, where the faculty members from all departments (including Architecture) get to know about the latest innovations, tools and techniques of the teaching-learning process for outcome based education.

## Department Goals for the Next Year

The Department aims to increase the competitiveness among the students and develop a holistic understanding of the discipline of architecture through:

- Arranging Design Competitions,

- Promoting Architectural Tours (including arranging international travel grants),
- Building Capacity through more and more participation of faculty members in Design Competitions, Seminars, Conference and Colloquiums, and Workshops, and
- Continuing to further develop the Library and Laboratories.

## Publications of the Faculty Members

### A. Peer-reviewed Journal Papers

Chowdhury, F.K., Islam, Z., Shafinaz, S. & **Tasnim**, A. A. (2018), Vulnerability or Capability: A review on gender dimension of disasters, *SUB Journal of Sustainable Environment and Development*, (3): 49-67.

Islam, Z. I., Shafinaz, S. & **Tasnim**, A. A. (2018). Water logging risks in Dhaka city: an overview and the way forward. *Journal of State University of Bangladesh*, 8(1/2), 27-36.

**Islam, Z.H.**, (2018), Changes in Shared Spaces for Social Interaction: A Socio-Temporal Evaluation of Real Estate Apartments in Dhanmondi, Dhaka, *Protibesh, BUET*, 16(1): 18-33.

### B. Conference Papers

**Adnan**, E.R. & Islam, T. (2018). Late colonial period merchant houses at Birulia: A study on architectural features. In Samarawickrama, S. et al (Eds.) *Proceedings of the 11th International Conference of Faculty of Architecture Research Unit* (pp. 316-324). Galle, Sri Lanka: University of Moratuwa.

**Adnan, E.R**, Kuthanazhi, A., Sehgal, A., Patel, N, Wadhawan, V (2017), 'Khalkotha', In: Biswas, S., Tewari, S. (Eds), *Proceedings of The Workshop 'Blue Lines of Kolkata'*, pp. 84-87 June, 2017, Kolkata, India

Lubabah, S., **Barua, S.** & Roy, S. (2018). Railway transference urbanism: railway station as a potential socio-economic urban component. *Proceedings of the 6th International Urban Design Conference on 'Cities, People & Places' - ICCPP-2018* (pp 133-148). Sri Lanka: University of Moratuwa.

### C. Peer-reviewed book chapter

**Ahmed**, A. S. M. (2018). A scientific conservation plan for Nimtali Dewari and courses of action of its implementation. In Ahmed, S.U. (Ed.) *Conservation of Nimtali Deuri: A Historical and An Architectural Study* (pp. 41-83). Dhaka: Asiatic Society of Bangladesh.



## Department of Basic Sciences and Humanities



### Vision

The vision of the Department is to produce socially, scientifically and humanely well-equipped competent professionals who shall be morally upright, ethically strong and academically excellent for a holistic approach to socio-cultural, economic and technological development of society at large.

### Mission

The current courses of the Department of Basic Sciences and Humanities in Mathematics, Physics, History and Sociology are designed to offer students rigorous and comprehensive academic exercise on fundamental aspects of natural and social sciences which are necessary to turn them into knowledgeable professionals. The Department undertakes efforts to make the

offered courses more effective in teaching and learning.

### Department Faculty and Facilities

The Department has fourteen full time faculty members, two of whom have Ph.D. degrees, three have M.Phil, five have Master degrees and four are on leave for higher education. The Department has a number of part-time faculty members from well-reputed public universities.

The Department's greatest resource is the Physics laboratory. The Department has always given emphasis to develop its laboratory facilities on priority basis to make it self-sufficient and rich in instruments. This full-fledged lab serves the whole UAP students to perform various scientific experiments on physics using modern equipment efficiently.



Students working in Physics laboratory

The Department of Basic Sciences and Humanities is run by a team of dedicated, committed and qualified faculty members and staff who not only teach and prepare students for their educational attainments but also bring together various co-curricular activities for their overall development.

The faculty members are always well prepared in taking classes and delivering lectures. They are easy to approach and friendly so that the students can come and discuss their academic problems as well as different issues during and after class hours. As the faculty members cover all the departments of the University, they have the privilege to interact with all the students and work with the university as a whole.

The Department, like others, initiated quality assurance protocols from July 2015 to achieve outcome-based education by ensuring the attainment of program outcomes and course learning outcomes through assessment at student level. The faculty members participated in several training events and discussions about the quality assurance protocols to make the program a complete success.

In order to have competent and knowledgeable academic intellectuals, the department encourages its faculty members to pursue higher education both at home and abroad. So far four faculty members are on study leave for their Ph.D. degree. Recently, Ms. Shirin Provat, Lecturer in Mathematics has begun her studies in the USA towards attaining Ph.D.

### Achievements of the Department

As mentioned earlier, the Department has its reach over all the Departments of UAP; it teaches the students of all the departments of the university.

A total of 1,448 students in Fall 2018 and 1,373 students in Spring 2019 from 8 different departments took the Mathematics course offered by the Department. The Department offered the Physics course to 749 and 815 students during Fall 2018 and Spring 2019 semester, respectively. Similarly, course on Sociology was offered to 610 and 617 students whereas courses related to History were taken by 665 and 661 students in Fall 2018 and Spring 2019 semester, respectively.

### Department Events and Co-curricular Activities

The faculty members help and guide the students to get them involved in co-curricular activities that in turn help them build well-rounded personality and intellectual ability. Study tours, field trips and seminars are part of the regular academic events to develop practical experience and professional expertise along with academic excellence.

The faculty members remain engaged in different clubs of UAP to help conduct regular cultural programs, sports and competitions for the students. The following are some such remarkable events and programs of Fall 2018 and Spring 2019 semesters.

### Participation in Star Melodies - Kotha O Surer Omor Juti

In order to celebrate the 20<sup>th</sup> century lyricists and composers and to highlight on the songs that were born from their beautiful blend of talents, *The Daily Star* initiated a program called, Star Melodies - Kotha O Surer Omor Juti. Mr Mahfuz

Anam, Editor and Publisher of *The Daily Star* hosted the musical soiree on 27<sup>th</sup> November 2018. He greeted the houseful audience with a welcome speech. Performers from UAP were invited by *The Daily Star* to participate in this auspicious program. Ms. Layeqa Bashir, Assistant Professor of Sociology, with two students of UAP were privileged enough to take part in the program along with some of the expert artistes of the country.



Performers in a musical program — Kotha O Surer Omor Joti.

## Performance at Chhayanaut's Celebration of the 47<sup>th</sup> Victory Day

In response to an invitation of Chhayanaut's celebration of the 47<sup>th</sup> Victory Day, UAP students, trained by Ms. Layeqa Bashir, Assistant Professor of Sociology, and Adviser of the UAP Cultural Club, performed in a cultural program, *Hajaro Konthe Deshgaan* along with the performers of *Chhayanaut* held at the University of Dhaka on 16 December 2018.



Students at *Hajaro Konthe Deshgaan* to Mark the Victory Day 2018.

## UAP Participation in Inter University Math Olympiad

The 6th East West University Inter University Math Olympiad was held on 23 March 2019 at East West University. Twenty one universities participated in the Olympiad. A team of seven students from UAP competed in the contest. Ms. Maisha Islam Sejunti, Lecturer in Mathematics gave necessary mentorship to the team.



Participants at East West University Inter University Math Olympiad 2019.

## Study Tour to National Museum

The Department organized a study tour to the National Museum for the 1<sup>st</sup> semester students on 19 January 2019 in association with the of History and Heritage Club. Mr. A. S. M. Mohsin, Assistant Professor of History and Adviser to the club accompanied the students. This tour was important for them to increase their knowledge about the history of political events that led to the emergence of Bangladesh.



UAP Students at the National Museum

## Exhibition in Memory of the Language Martyrs

The History and Heritage Club of the Department of Basic Sciences and Humanities, jointly with Shaheed Barkat Museum, Dhaka University, organized a day long exhibition in memory of the Language Martyrs on 01 August 2018 at the UAP Plaza. The Club also organized a special lecture on the same day on "Bangladesh: From Language Movement to Independence". Dr Abu Md. Delwar Hossain, Professor, Department of History and Dean of the Faculty of Arts, University of Dhaka was the key note speaker on the subject. He conveyed a strong message to the students that no nation in the world can achieve independence in a single day. Faculty members and students from different departments showed keen interest in the program and attended the lecture.



Exhibition at UAP in memory of the Language Martyrs.

## Lecture on Role of Sufis

The Department of Basic Sciences and Humanities and UAP History and Heritage Club, jointly organized a special lecture on 22 November 2018 on "Transformation of the Society in Medieval Bengal: Role of the Sufis". Mr Sayed Abu Touab Shakir, Associate Professor, Department of History, Jahangirnagar University was the keynote speaker. He showed how Sufis played a vital role in spreading Islam in Bengal. Because of their liberal ideologies a large number of people converted into Islam in Bengal delta and Islam developed as a moderate religion. Faculty members and students from different departments were present at the lecture.



Mr Sayed Abu Touab Shakir speaking on "Transformation of the Society in Medieval Bengal: Role of the Sufis"

## Intra-university Cultural Competition

The UAP Cultural Club organized the intra-university cultural competition, 2018. The competition was held in two rounds. The selected short listed participants from the first round were sent to the final competition. The final round events took place at the UAP Auditorium on 9 December 2018. Ms. Layeqa Bashir, Adviser of the Cultural Club judged the performances and selected champions and runners up from each of the eight categories --four categories of songs, dance, and recitation, instrumental music and anchoring. The program was planned and arranged with guidance from the Cultural Club Advisor.



BOT Chairman, Monzoor Ahmed Chowdhury handing over the prizes to the winners

## Celebration of Pohela Boishakh 1426

UAP celebrated *Pohela Boishakh* 1426 on 14 April 2019. The program was organized by the UAP Cultural Club. The day long program started with a colourful *Mangal Shobhajatra*. This colourful rally was followed by a cultural stage show where the students performed songs, dances, recitations, and drama. A colourful *Boishakhi Mela*, was arranged at the East Plaza where the students displayed and sold a variety of Bengali traditional products. Both the cultural show and the *Boishakhi Mela* were inaugurated by the Vice Chancellor and the Chairman of the Board of Trustees of UAP. Layeqa Bashir, Assistant Professor of Sociology acted as the Convener of the whole program.



Welcoming Bangla New Year 1426 with Mangal Shobhajatra



Celebrating the first day of Bangla New Year 1426

Through these events and programs, the Department of Basic Sciences and Humanities contribute to students to achieve academic excellence, realize latent potential and talents as well as acquire social skills for happy personal and professional life.

## Faculty Members

### Dr Md. Sultan Mahmud

Professor & Head  
Ph.D., KUET, Bangladesh

### Dr Sanjit Kumar Paul

Professor  
Ph.D., Jahangirnagar University, Bangladesh

### Ms. Tahmina Akhter

Assistant Professor  
M.Phil., BUET

### Ms. Layeqa Bashir

Assistant Professor  
M.S.S., University of Dhaka, Bangladesh

### Mr. Md. Anisur Rahman

Assistant Professor  
M.Phil. BUET.

### Mr. Md. Rashidul Hasan

Assistant Professor  
M.S., University of Nevada, USA

### Mr. Md. Nahian Chowdhury

Assistant Professor  
M.S., Shahjalal University of Science and Technology, Bangladesh

### Mr. A. S. M. Mohsin

Assistant Professor  
M.Phil., University of Dhaka, Bangladesh

### Ms. Kaniz Fatema Nipa

Lecturer  
M.S., University of Dhaka, Bangladesh

### Ms. Samsun Nahar

Lecturer  
M.Phil., BUET

### Ms. Shirin Provat

Lecturer  
M.S., University of Dhaka, Bangladesh

### Ms. Shahina Naznin

Lecturer  
M.S., University of Dhaka, Bangladesh

### Ms. Maisha Islam Sejunti

Lecturer  
M.S., University of Dhaka, Bangladesh

**Ms. Sk. Reza-E-Rabbi**

Lecturer

M.S., Khulna University, Bangladesh

**Awards Received by Faculty Members**

**Ms. Shirin Provat**, Lecturer in Mathematics, now on study leave, is doing Ph.D. in Computational Mathematics at Florida State University, USA with a full-funded scholarship received in August 2018.

**Mr. Sk. Reza-E-Rabbi**, Lecturer in Mathematics, has received “National Science and Technology (NST) Fellowship-2018” from Ministry of Science and Technology, Government of Bangladesh, for his M.Sc. thesis work on “Unsteady MHD Flow of a Chemically Reacting Casson Fluid Past a Stretching Sheet with Brownian Motion and Thermophoresis Effects”.

**Faculty Leadership**

**Ms. Layeqa Bashir**, Assistant Professor of Sociology

Member, Executive Body, *Chhayanaut Sangeet-Vidyayatan*, from 14 April 2017 to date.

**Mr. Md. Rashidul Hasan**, Assistant Professor of Mathematics (on leave),

Elected President, Bangladesh Student Association at University of New Mexico, USA in April 2019.

**Department Goals for the Next Year**

The Department plans to organize UAP Inter-Department as well as Inter-University Mathematics Olympiad in preparation to holding National Undergraduate Mathematics Olympiad at UAP.

**Publications of Faculty Members****Peer-reviewed Journal Papers**

**Mahmud**, M. S. (2019). Variation of Magnetization  $M(0)$  and Curie Temperature  $T_c$  with Cr

Concentration for the  $Fe_{73.5-x}Cr_xCu_1Nb_3Si_{13.5}B_9$  with  $x = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12.5, 15$  &  $17.5$  Alloys. *International Journal of Materials Science*, 14(1), 11-15.

**Mahmud**, M. S. (2018). Determination of Curie Temperature of Cr-substituted Fe based amorphous  $Fe_{73.5-x}Cr_xCu_1Nb_3Si_{13.5}B_9$  ( $x=10, 12.5, 15$  &  $17.5$ ) Alloys Using the ABK (Arrot-Belov-Kouvel) plot Method. *International Journal of Advanced Materials Science*, 9(1), 1-6.

Mamun, A. A., Arifuzzaman, S.M., **Reza-E-Rabbi**, S., Biswas, P. & Khan, M. S., (2018). Numerical Investigation of Boundary-layer Flow of Sisko Nanofluids Through a Nonlinear Stretching Sheet with MHD and Thermal Radiation Effects. *International Journal of Heat and Technology*, 37 (1), 285-295.

**Nahar**, S., Akther, S. & Alim, M. A. (2018). Statistical Averaging Method and New Statistical Averaging Method for Solving Extreme Point Multi-Objective Linear Programming Problem, *Mathematics Letters*. *Mathematics Letters*, 4(3), 44-50.

**Paul**, S. K. (2018). Higher(U,M)-Derivatives in Completely Semi Prime-Rings. *Journal of Pure and Applied Science and Technology*, 8(2), 1-8.

**Paul**, S. K. (2018). MHD free convection heat and mass transfer flow over a vertical porous plate in a rotating system with hall current heat source. *International Journal of Advance in Applied Mathematics and Mechanics*, 6(1), 49-64.

Sarkar, T., Arifuzzaman, S.M., **Reza-E-Rabbi**, Sk., Khan, M.S., Ahmed, R. & Ahmmmed, S. F., (2018). Unsteady Magnetohydrodynamic Casson Nanofluid Flow Through a Moving Cylinder with Brownian and Thermophoresis Effects. *Annales de Chimie: Science Des Materiaux*, 42(2), 181-207.

## Department of Business Administration



### Vision

To be a premiere business school through excellence in contemporary research and industrial collaborations to lead the way forward in the field of business management - public, private and social sector in the Asia Pacific region.

### Mission

In pursuit of the vision, the department wants to produce competent and capable graduates to contribute to leadership in the field of business management in various sectors of the economy. The Department shall:

- Collaborate with the industry and be responsive to its changing needs and demands;
- Endeavor to use and contribute new frontiers of knowledge through cutting-edge research
- Build a strong alumni and field contact for mutual development of the industry and the

discipline;

- Actively pursue and engage in national and international collaborative programs for faculty capacity development, and in student and teacher exchange programs.

### Department Facility

The Department of Business Administration (DBA) is endowed with an adequate space of 26,000 square feet on a single floor. The floor is fully air-conditioned. It conducts its classes in 7 classrooms equipped with multimedia. Each of these classrooms, on average, can accommodate 35-40 students. The Department is covered the campus-wide Wi-Fi system. The department's seminar room has a seating capacity of 83 attendees. It is be used for holding conferences, seminars and workshops for the students. For holding formal meetings, it has set up a conference room that can accommodate 20 people. There is a separate common room for the female students.

In addition to facilities of central library, DBA has its own library; it has a collection of 2185 books & journals for the business students. The Department subscribes to hard copies of the latest versions of *Harvard Business Review* and *The Economist* to facilitate research.

The library can accommodate around 50 students and is kept open 7 days a week for the convenience of both for the student and members of the faculty. DBA has a computer lab equipped with technologically sound 70 computers. In order to organize group discussions, it has set up a discussion room which can accommodate up to 40 students. The DBA possesses a lounge where faculty members can have research discussions and informal meetings

All the faculty members are provided with modern amenities that include desks, cabinets and latest models of computers. Furthermore, to facilitate their work, state of the art office equipment are made available to every faculty member.



Seminar Library



Corridor of the department



DBA Classroom



Computer Laboratory

The computer laboratory has 70 upgraded computers supported by latest operating systems, antivirus software and other necessary software like Microsoft excel, Microsoft word, PowerPoint, SPSS, STATA, EViews, AMOS and the like. A discussion room having a capacity of 30 students is there to facilitate the scope for group discussions.

### Strength and Best Practices of the Department

The Department has created the following means and mechanism to strengthen the department's connection with the field for effective industry-academia linkage, and dialog with potential employers; to increase employability of the graduates, and to remain well informed about the changes in the NEED of the industry/market, to update the curriculum of the program to meet field needs.

- **A Directory of Internship Organization:** The directory contains a list of 30 organizations, their location addresses, name of contact persons and their contact numbers. These

organizations are employers of DBA graduates actual and potential employment organization.

- **Internship Placement Office:** DBA has set up an office for Internship Placement. The Placement Office uses resources like directory of internship organizations, alumni contacts and contacts of the current students to create a wider opportunity for a strong relationship with the field for internship, followed by opportunities for employment. In Fall 2018 the Office placed 40 undergraduate students in highly regarded companies, such as ACME Laboratories, BDBL, Islami Bank Bangladesh Ltd., IDLC, Igloo, TOMA Properties, Leads Corporation, Macomm Ltd, and the like.
- **Alumni Database:** The database contains the name, job position, name of organization employed/affiliated with, contact number and address of the alumni. Currently the database has details of 800 alumni; the database is continually updated.
- **Revision of Curriculum:** The Curriculum of BBA program has been revised & is approved by the University Grants Commission (UGC). Developed with inputs from faculty members of different specializations, alumni and industry professionals, the revised curriculum contains special features of Outcome-Based Education (OBE). In the revised curriculum, six new courses are included, namely, Fundamentals of Business, Quantitative Methods, Supply Chain Management, E-Business, Auditing and Taxation and Business Ethics. One new area of concentration, Supply Chain Management, has been included in the revised curriculum. The revised curriculum shall follow a new sequence of course offering. As suggested in the UGC guidelines, Business Statistics I and II have been merged into one course as Business Statistics. The total credit hours in the revised curriculum of BBA program are 129 in place of 130. The updated curriculum is expected to be effective from the upcoming Fall 2019 Semester.

- **Quality Improvement Plan:** The primary view of the “Quality Improvement Plan” is to address relevant issues to enhance teaching-learning, strengthen department-industry linkages, and follow a well-design plan which is comprehensive, highly structured, yet specific for outcome.

For cultivating student creativity and enhancing skills for greater employability of its graduates, the DBA students organize:

- **Showcasing ‘Project Prototypes’** as a practical demonstration of Project Management Course. The final year students are required to show that they are able to put their abstract ideas into concrete management practice. The ‘Prototypes’ are evaluated on the basis of their creativity, innovation and feasibility of the idea. This practice is believed to be a platform for their future endeavours.



Students' Project Prototypes

- **Ad making** competition is held once a year where the students get an opportunity to showcase their talent to industry professionals who are invited as moderators. Thus, employability of the students in the advertising industry is improved and also the department's exposure to the potential employers is established.
- Workshop on MS Excel in financial/accounting management is held every semester. In 2018 Mr. Khairul Bashar, CFA, Assistant Vice President, City Brokerage Ltd, conducted a 6-hour long training session followed by a competitive test. The students who are majoring in Finance or Accounting highly benefitted from the workshop. The consequential benefit is that the scope for internship placement and employability of the graduates increased as the use of MS Excel for financial/accounting management is in high demand.

### In-take Capacity and Admission

Based on the physical facility and number of faculty members, the intake capacity per semester is 100 and 80 in Bachelors and Master's program, respectively. To ensure the in-take quality, the department administers a written admission test followed by a viva-voce. Upon qualifying in the written test the applicants are called to face the viva conducted by a board of 5 faculty members.

### Faculty Members

The Department of Business Administration is enriched with 23 full-time faculty members (22 for BBA program and one for graduate programs, among whom 3 faculty members are teaching in both the programs). The Department also has 5 adjunct faculty members for the Bachelor's program and 23 adjunct faculty members for MBA and EMBA programs. Five of the faculty members have PhDs and all other faculty members have Masters Degrees from reputed universities from home and abroad.

The faculty members have specialties in five areas of discipline branches, such as, finance, marketing, management, human resource management, and accounting.

Professor Dr Mohammed Tareque Aziz is the head of the Department since 2019. He is the first Bangladeshi to apply for a patent and copyright owner of globally recognized and internationally acclaimed "Service Quality Index (SQI)" system in Bangladesh in 2018. In addition, he serves as editor and reviewers of internationally indexed and peer reviewed journals published by Emerald, Elsevier, SAGE, and Taylor & Francis. In the country, he is the Consulting Editor of Bangladesh's leading industrial publication within the textile and RMG domain, "Bangladesh Textile Today" since 2017.

With the joining of Professor Dr M.A. Baqui Khalily, former Professor of the Department of Finance, University of Dhaka, and founder Executive Director of the Institute of Micro finance (now renamed as the Institute for Inclusive Finance and Development), the Department has become enriched with his years of experienced leadership in business education and research. He is renowned nationally and internationally for his expertise in rural finance and microfinance. He was part of the governing body of different institutions including Dhaka Stock Exchange. Professor Dr M.A. Baqui Khalily is in charge of MBA and EMBA programs as Coordinator.

Mr. Jaber Al Islam, Lecturer, received Al Maruf Khan Gold Medal for his Academic Excellence - for becoming first in Master's program in the Department of Accounting Information System, University of Dhaka.

### Faculty Members

**Dr Mohammed Tareque Aziz,**

Ph.D. (UUM-AACSB)

Professor & Head

**Dr. Shamsad Ahmed,** Ph.D. (DU)

Associate Professor

**Shahriyar Anam,** MBA (IBA, DU)

Professor

**Dr Khair Jahan Sogra,**

Ph.D. (Macquarie University)

Professor & Coordinator, MBA & EMBA Programs

**Dr M. A. Baqui Khalily,**

Ph.D., (Ohio State University), Professor

**Jesmin Sultana,**  
MBA, (Strathclyde Graduate Business School, UK),  
Associate Professor

**Sarwar Razzaq Chowdhury,**  
MBA (Bangkok University)  
Associate Professor

**Afia Muqtadir,** MBA (IBA, DU)  
Associate Professor

**Dr Mahbubul Haque,** Ph.D. (IIUM)  
Associate Professor

**Farzana Elahi,** M. Com. (DU)  
Assistant Professor

**Shayla Binta Sayeed,**  
M.Sc. (University of Newcastle, UK), MBA (DU)  
Associate Professor

**Tasneem Tarannum,** MBA (DU)  
Assistant Professor

**Imroz Mahmud,** MBA (DU)  
Assistant Professor

**Tahmeem Siddiqi,** MBA (DU)  
Assistant Professor

**Mohammad Rakiv,** MBA (DU)  
Assistant Professor

**Muhammed Obaidul H. Choudhury,**  
M.S. (BISE) (Utah State University, USA)  
Senior Lecturer

**Sisili Rahman,** MBA (DU)  
Lecturer

**Samira Sahel,** MBA (IBA, DU)  
Lecturer

**Barnali Nandi,** MBA (DU)  
Lecturer

**Maeen Uddin,** MBA, DU  
Lecturer

**Ahmed Tausif Saad,** MBA (IBA, DU)  
Lecturer

**Rubaba Nazneen Noor,** MBA (DU)  
Lecturer

**Md. Jaber Al Islam,** MBA (DU)  
Lecturer

## Faculty Members (On Study Leave)

**Umana Anjalin,** MBA (IBA, DU)  
Assistant Professor

**Ms. Nazreen Tabassum Chowdhury,**  
MBA (IIUM)  
Assistant Professor

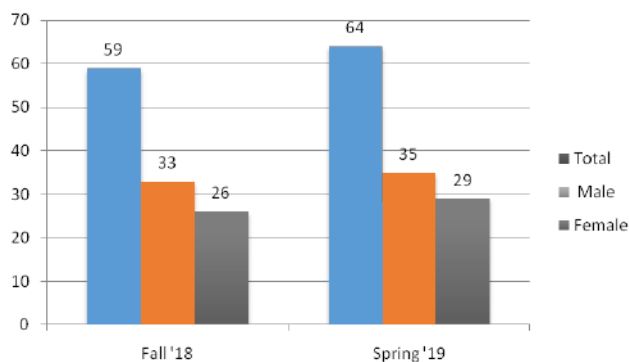
In addition, currently 23 academically and professionally well-known educationists contribute to students' learning and research as visiting faculty members

## Achievements of the Department

Currently, a total of 687 students are pursuing academic programs for BBA, MBA & EMBA degree from different parts of the country. The total number of students including the current enrollment, interns and graduates for both the programs has been depicted in the following bar graphs:

### Number of Students Enrolled

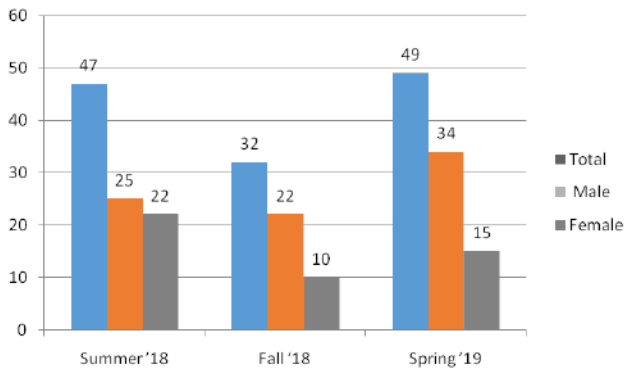
The total number of students admitted in Fall 2018 was 59 and that in Spring 2019 was 64. The number of male and female students is almost equal to each other. The average GPA (of SSC and HSC combined) of the newly admitted students in Fall and Spring, respectively, were 8.2 and 8.5 – the range being 6.5 to 10. This means that most of the students have GPA of 8 or more than 8.



Students Enrollment in Undergraduate Program in 2018-19

The number of total students enrolled in the graduate program in three semesters - summer 2018, Fall 2018 and Spring 2019; the number of students enrolled in the respective semesters are 47, 32, and 49. While the enrollment of

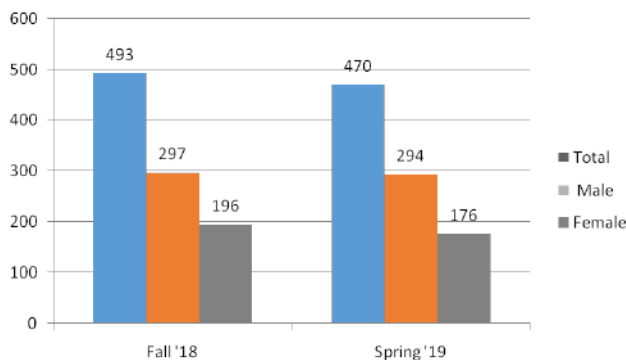
male and female students were almost equal in Summer 2018, in the two other semesters female enrollment was lower.



Students Enrollment in Graduate Program in 2018-19

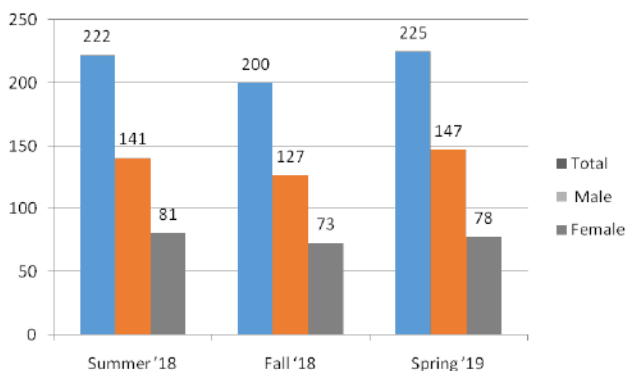
### Total Number of Students

The total number of students in Fall 2018 was 493-- 297 males and 196 females. In Spring 2019, the number of male students was 294 and that of female was 176 totaling 470.



Total number of students in undergraduate program in 2018-19

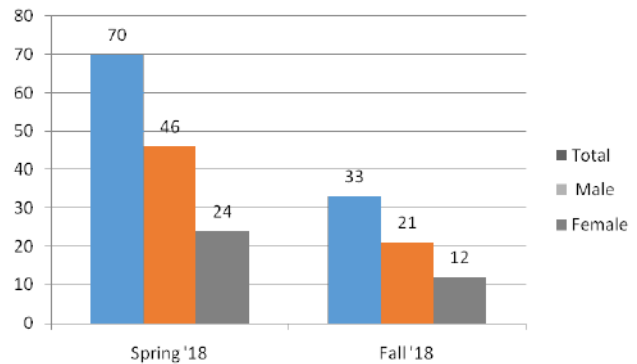
During the period, the total number of graduate students of all three semesters – Summer, Fall and Spring combined was 647 – 415 males and 232 females.



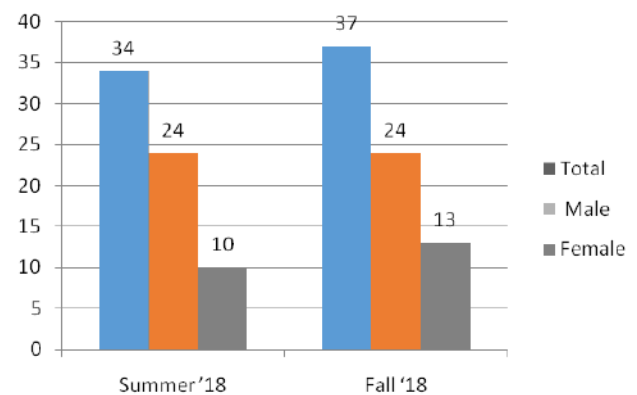
Total Students in Graduate Program in 2018-19

### Number of Graduated Students

A total of 103 – 67 male and 36 female students have completed all requirements in undergraduate program for the BBA degree. The total graduates for Master's is 71 – 48 males and 23 females.



Number of Students Graduated in 2018-19



Number of Students Post Graduated in 2018-19

### Number of Students in VC's and Dean's Honor List

Based on most recent semester final examination for Spring 2018, 24 students made their way to the Vice Chancellor's honor list and 16 to Dean's honor list. Out of the total 40 honorees in two categories combined, 27 are girls and 13 are boys. Those who score greater than 3.90 GPA are in VC's Honor list and those who score greater than GPA 3.70 and less than 3.90 are in Dean's list.

### Student Achievement

In Spring 19, Macomm Limited organized a talent hunt competition program, called, 'Brain Warmer'. MsTasnim Mahbub Riti, a BBA student won the first position in a talent hunt program on market penetration strategy in food & beverages.

Recently she has been offered a full time job at the same organization.

## Faculty Capacity Development Initiatives

The Department organized two workshops during the year for capacity development and quality improvement in teaching and research; they are:

Workshop on **“Common Mistakes in Modeling Research Problem”** held from 2-3 December, 2018. The Workshop was conducted by Professor Dr M. A. Baqui Khalily, Former Professor, Department of Finance, University of Dhaka and the former Executive Director, Institute for Inclusive Finance and Development. The workshop was attended by 19 faculty members, both full time and part time, of the department.

Workshop on **“Mastering MS Excel”** was organized for the department’s full time faculty members on 12 September 2018. The workshop was conducted by Muhammad Obaidul H Chowdhury, Senior Lecturer of the department. The workshop was attended by 18 faculty members.

## Training on Improving Learning & Teaching Skills’ Training

The newly recruited lecturers attended a centrally arranged 36-hour faculty development training program on ‘Improving Learning & Teaching Skills’ which focused on improving teaching quality and its effectiveness. Ten Lecturers availed this training.

## Faculty Members’ Services to the Field, National and International

### Professor Dr Mohammed Tareque Aziz

**Consulting Editor**, “Bangladesh Textile Today”, Amin & Jahan Corporation Ltd, since 2017 to date.

**Reviewer**, SCOPUS indexed journals published by Emerald, Taylor & Francis, SAGE and Elsevier since 2014 to date.

**Applicant** for copyright ownership and patent of “Service Quality Index” system in Bangladesh.

## Services Received From the Field

The department has received cooperation from various organizations for placing its graduating students for internship. In FY 2018-19, 40 organizations, such as, IDLC Investment Ltd, Square Pharmaceuticals Ltd, Grameen Phone Ltd, IBBL, EXIM Bank Ltd and the like have rendered internship facility to the undergraduate students, while 16 organizations have provided such facilities to students of the graduate program.

## Events and Co-curricular activities

The students of the Department formed different clubs of their own to undertake various co-curricular activities. The highlights of the student club activities undertaken during the year illustratively are given below.

### Ingenious Marketing Club (IMC)

Md. Moniruzzaman Khan, Group Head of Brands and Communication, and Green Delta Insurance conducted a seminar titled “Marketing Strategy Revealed: Insights from the Bangladesh Insurance Industry” on July 29, 2018 for the students doing course related marketing.



Md. Moniruzzaman Khan addressing the participating students during the seminar.

The Club organized an Ad making competition on 18 December 2018 named “Adblitz: Crafting the Next Ad-Maestros”. The purpose of the competition was to sharpen the skills of developing and delivering messages successfully and promoting a product. An acclaimed industry professional, Mr Shadman Shoumik Anik, our very successful alumni and Senior Executive,

Circulation Marketing, The Daily Star; Surid Saeed, Brand Service Manager, Adcomm Ltd, and Nujhat Jannatun Naeem, Brands Manager, Marketing Communication, Bangla link Digital Communications Ltd. were invited as moderators. Md Asrafu Alam Russell, creative supervisor of Mediacom Bangladesh Limited, conducted a workshop prior to the competition.



A judge assessing the story board of a participant

## Cultural Club

The Cultural Club of the Department organized "DBA Fest – 2019" on May 02, 2019 at the UAP Plaza. The day-long program began with a photo exhibition in the morning followed by a cultural show with exceptional performances by the students of different semesters of DBA. Pro- VC Prof Dr. M R Kabir joined the occasion as chief guest while Treasurer Air Commodore (Retd) Ishfaqllahi Choudhury and Registrar Sarwar R Chowdhury were present as special guests.



Guests and students visiting the photo exhibition -- Pro VC, Dr. M.R. Kabir inaugurating the festival

## Salman Memorial Sports Club

The club has organized Inter-semester Cricket Tournament in Fall-2018, and, an Inter-Semester Football Tournament in Spring 2018.



Cricket tournament, Fall 2018

## Industry Visit

Three industry visits were organized in the fiscal year. One was on January 26, 2019 to Dan Cake Food Ltd for the students of Entrepreneurship and Small Business course to gain practical knowledge of business activities.

Another industrial visit was arranged at Conforce Limited on January 26, 2019; where a total of 70 students participated as a part of their academic activities. During the visit there was a lecture session conducted by Dr. Najmul Hossain, Managing Director, Conforce Limited. Being a successful entrepreneur, Dr. Hossain shared his expertise and experience followed by a question-answer session.



Students and faculty member visiting the factory of Conforce Ltd.

The 41st Batch of BBA Students visited Asiatic Pharmaceutical Company on 20 June 2019 under the course of Entrepreneurship and Small Business Management.



Faculty member handing over appreciation crest to the GM

## Annual Picnic 2018

The Annual Picnic 2018 was held on 8 December 2018 at Meghbari Resort, Gazipur. The picnic was organized by the final year students. The picnic offered a day-long excursion and outing for the students and create an opportunity for seniors, juniors and alumni to interact with each other



Organizing batch of students with the faculty members at the Annual Picnic, 2018

## Goals for the Next Year

- As a part of Faculty Development Program, the Department plans to organize two faculty capacity development seminars on (a) Classroom Delivery (pedagogical design and challenges), (b) Applied Learning Pedagogy; and another seminar on modern age Business Communication for the students to be conducted by international expert.
- The department plans to process accreditation of the DBA's program with the Accreditation Council for Business Schools and Programs (ACBSP). ACBSP is a US-based organization that offers accreditation services to business programs focused on teaching and learning.
- DBA will host a Business Plan Competition to harness the idea of visualization skills and showcase projects to a panel of jury.
- As part of the Student Engagement Program, the department will introduce a Business Case Competition, "MindHunt".
- DBA plans to strengthen relationship with the HR Managers of the organizations that provide internship opportunities to its students to acknowledge their contribution and seek advice on how the department can make internship more effective in experiential learning.
- With the experience gained in Ad making competition 3 times in the department, DBA students are now ready to take part in inter-university Advertisement Making Competition at national level namely "Robi Ad Maker" in the next year.

- To aid recruitment, application and networking process, DBA plans to arrange Job and Internship fair in the coming semester to connect the students with potential employers before they complete their graduation. In this effort, DBA intends to establish a strong connection with its alumni and invite them as guest lecturers, resource persons and judges in the department's various programs to strengthen the network with the current students for their eventual employment in the job market.

## Publications of Faculty Members

### A. Peer-reviewed Journal Papers

**Ahmed, S., Dash, P., Mahmud, I. & Sahel, S.** (2019). An empirical study on the antecedents of shopping experience in Bangladeshi malls: A Structural Equation Modeling Approach. *Journal of Business & Retail Management Research*, 14(1), 11-22.

**Chowdhury, M. & Rahman, S.** (2018). Intellectual Capital Efficiency and Market Performance: A Bangladeshi Apparel Industry Perspective. *Journal of Information and Knowledge Management*, 8(3), 26-36.

**Haque, M. & Islam, R.** (2018). Impact of supply chain collaboration and knowledge sharing on organizational outcomes in pharmaceutical industry of Bangladesh. *Journal of Global Operations and Strategic Sourcing*, 11(3), 301-320.

**Islam, M. & Palas, M.** (2018). Impact of Micro Health Insurance on the Well-being of Underprivileged Groups in Bangladesh. *Dhaka University Journal of Business Studies*, 39(2), 151-169.

**Mahmud, I.** (2019). Optimal Portfolio Construction: Application of Sharpe's Single-Index Model on Dhaka Stock Exchange. *JEMA: Jurnal Ilmiah Bidang Akuntansi dan Manajemen*, 16(1), 60-92.

**Rahman, S., Das, B. & Farah, T.** (2018). Identifying

Spillover Effect & Bubble in Bangladeshi Asset Markets: An Analysis of Stock Market and Real Estate. *International Journal of Economics and Financial Issues*, 8(6), 76-83.

**Rakiv, M.** (2019). Firm- Specific Characteristics and Voluntary Disclosure Reporting: An Empirical Research on Listed Companies of Bangladesh. *Journal of Accounting, Finance and Auditing Studies*, 5(1), 298-317.

**Samira, S., Tasmia, A. & Barnali, N.** (2018). Factors affecting the selection of an E-commerce website in Bangladesh: E-tailers' perspective. *Journal of International Review of Management and Marketing*, 8(4), 1-6.

**Siddiqi, T., Sahel, S. & Mahmud, I.** (2018). CRM dimensions affecting customer satisfaction in Bangladeshi banking industry: A structural equation modeling approach. *European Journal of Business & Management*, 10(8), 11-22.

**Uddin, M. M. & Sayeed, S. B.** (2018). Impact of Top Management Support on entrepreneurial behaviour of employees and their intentions to network ties: A study on selected private firms of Bangladesh. *Journal of Business Studies, Bureau of Business Research, Dhaka University*, 39(1), 127-147.

**Uddin, M., M. & Sayeed, S. B.** (2018). Drivers of Technological Change through Innovation and its impact on Business Environment: A historical perspective. *Dhaka University Journal of Management*, 12(1), 71-83.

### B. Conference Paper

**Haque, M., Elahi, F. & Rahman, M.** (2019). Impact of Quality Dimensions on Faculty Satisfaction: Mediating Role of Performance of Higher Educational Institutions (HEIs). *Conference on Interdisciplinary Business & Economics Research*, 9-10, June 2019, Bangkok, Thailand.

## Department of Civil Engineering



### Vision

The vision of the Department is to become a source of engineering solutions to sustainable infrastructure development through excellence in creative education and research to meet the challenges of 21<sup>st</sup> century.

### Mission

We strive to be an internationally renowned Civil Engineering Department in education, research, innovation, publication and teaching that will best serve the society.

The specific missions of the Civil Engineering Department are to:

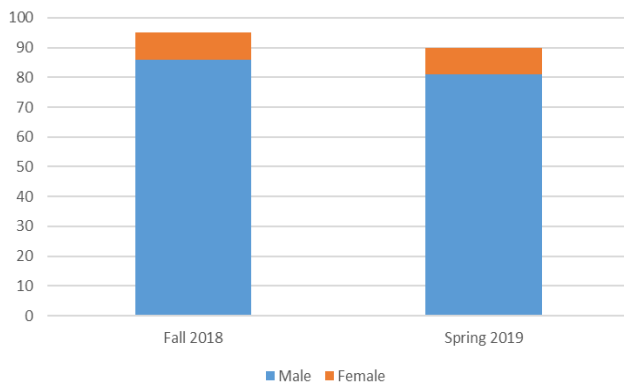
- Uphold well qualified and highly motivated faculty members,
- Maintain laboratory facilities equipped with modern instruments for teaching and research to enhance research KPI (secure research fund, publish quality research articles, research product) of the department by conducting quality research,
- Offer up-dated curriculum through continuous reviewing of the program based on the recommendations of stakeholders and benchmarking of internationally recognized programs,
- Implement Outcome Based Education system for successful continuation of accreditation from national and international accreditation authorities,
- Provide opportunities for co-curricular activities for learning social skills and responsibilities,
- Cultivate collaboration and interaction with local industry and international scientific community, and
- Conduct forward-looking inter and multi-disciplinary research to find solutions to sustainable infrastructural development.

## Academic Programs

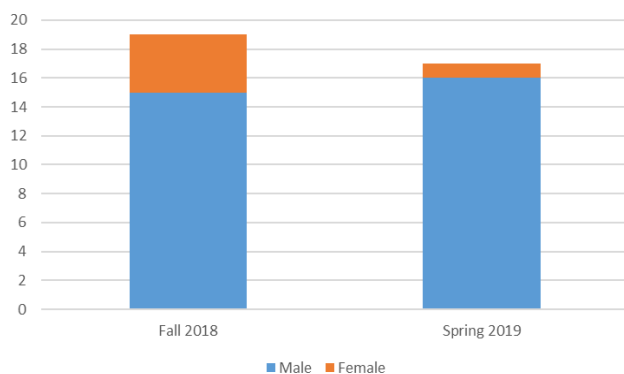
The Department started offering the undergraduate program in Civil Engineering in 1997 and later on extended to add the graduate program in 2009. Currently the department offers both undergraduate and graduate programs for B.Sc. and M.Sc. degrees in Civil Engineering. Following a bi-semester system, it requires a minimum of 8 semesters in 4 years to complete B.Sc. and a minimum 4 semesters in 2 years to complete M.Sc. in Civil Engineering.

## In-take Capacity and Admission

Over time, having grown in capacity, the department admits 180 students in the undergraduate and 20 students in the graduate programs in a bi-semester academic year - Fall and Spring. The female interest for a career in civil engineering has historically been low. Encouragingly, the interest has been in the increase - the admission of female students has increased from 2 students per year to as high as 16 students per year.

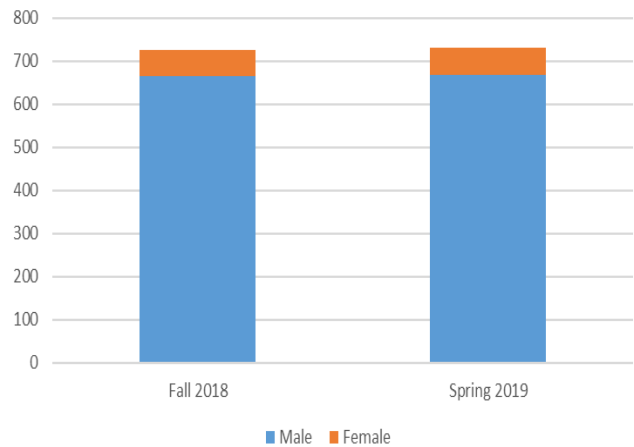


Total Number of Admitted Students in UG

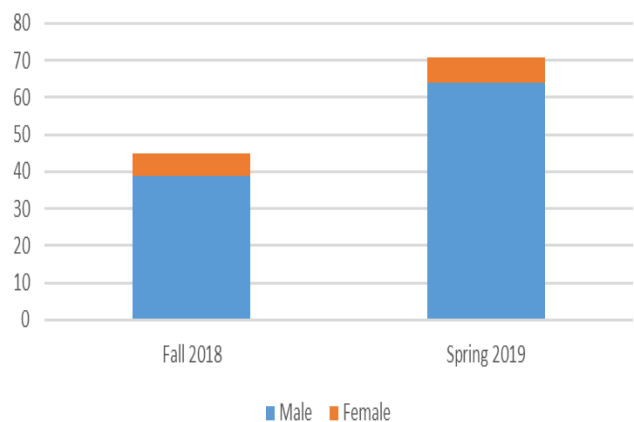


Total Number of Admitted Students in PG

The admission process is highly competitive; the students are required to appear for a written test, passing of which necessitates them to face an oral interview conducted by the senior faculty members of the Department.



Total Number of Enrolled Students in UG

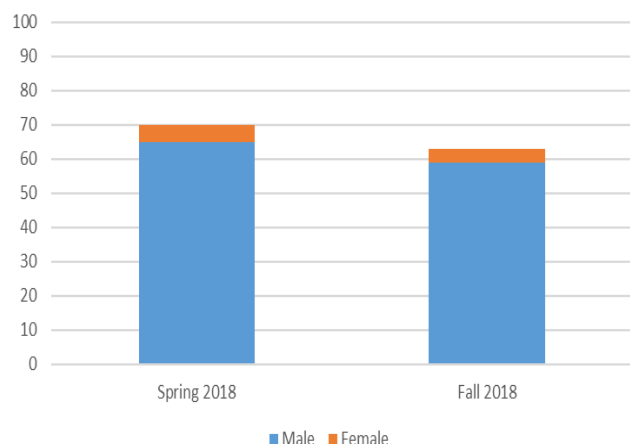


Total Number of Enrolled Students in PG

The average GPA of admitted students in undergraduate program is usually above 4.5 (on a scale of 5) both in SSC and HSC. The Department maintains a full capacity admission; in each academic session – Fall and Spring. It admits only 90 students so that 28 full time and 2 part-time faculty members are able to contribute their best possible attention, both in the classes and in the laboratories, to each one of the student admitted. The Department attempts to ensure optimum utilization of the teaching and research potential of its faculty members for the benefit of the students.

In Fall 2018, the total number of students in the undergraduate program was 727 and in the postgraduate program 58. In Spring

2019, the corresponding numbers were 731 in undergraduate and 71 in postgraduate.



Total #Students Graduating with B.Sc. Degree

## Faculty Members, Facilities and Resources

The Department takes pride in its outstanding and exceptionally qualified faculty: 13 out of 28 faculty members hold PhDs from well-reputed foreign universities in USA, Canada, Australia, Europe and Japan. The faculty specialties available in the Department are in the area of: Structural, Geotechnical, Transportation, Environmental and Water Resources Engineering. The specialized courses offered are in keeping with the demands and expectations of the industry and of civil engineering students. The current teacher-student ratio of the department is quite favorable for teaching and learning.

### Faculty Members

#### **Dr M. Shamim Z. Bosunia**

Professor Emeritus

Ph.D., University of Strathclyde, UK

#### **Dr Farzana Rahman**

Professor & Head

Ph. D., Saitama University, Japan, 2009

#### **Dr M. R. Kabir**

Professor & Dean

Ph.D., Catholic University of Leuven, Belgium, 1993

#### **Dr Md. Mujibur Rahman**

Professor

Ph.D., University of Adelaide, Australia, 1988

#### **Dr Iftekhar Anam**

Professor

Ph.D., Texas A&M University, USA, 2000

#### **Dr Muhammad Mizanur Rahaman**

Professor

D.Sc., Helsinki University of Technology, 2009

#### **Dr Tanveer Ferdous Saeed**

Professor

Ph. D., Monash University, Australia, 2011

#### **Emtazul Haque**

Associate Professor

M. Sc. Engineering, University of Oklahoma, USA, 1997

#### **Dr Sarah T. Noor Kakoli**

Associate Professor

Ph.D., Concordia University, Canada, 2011

#### **Dr Nehreen Majed**

Associate Professor

Ph. D., Northeastern University, Boston, MA, USA, 2011

#### **Dr Md. Ashraful Alam**

Associate Professor

Ph. D., University of Malaya, Malaysia, 2010

#### **Syed Jamal Uddin Ahmed**

Assistant Professor

M. Sc., The University of Dundee, Scotland, UK, 2010

#### **Dr Md. Mahmudul Hasan**

Assistant Professor

Ph.D., Ritsumeikan University, Japan, 2014

#### **Dr Sharmin Nasrin**

Assistant Professor

Ph.D., Queensland University of Technology, Australia, 2015

#### **Rumman M. Chowdhury**

Assistant Professor

M. Sc., University of Stuttgart, Germany, 2014

#### **Mansura Sharmin**

Assistant Professor

M. Engg., University of Toronto, Canada, 2013

**Dr Md. Jihad Miah**

Assistant Professor

Ph.D., University of Pau and Pays de l'Adour, France, 2017

**Nandita Saha**

Lecturer

Master of Engineering, Osaka University, Japan, 2019

**Md. Nazmul Alam**

Lecturer

M. Sc., BUET, 2018

**Mahfuza Tabassum**

Lecturer

B. Sc. in Engineering (Civil), UAP, 2016

**Musawer Ahmad Saqif**

Lecturer

B. Sc. in Engineering (Civil), BUET, 2017

**Israt Jahan**

Lecturer

B. Sc. in Engineering (Civil), BUET, 2017

**Fatima Afifah**

Lecturer

M. Sc., BUET, 2019

**Mohammad Sabbir Rahman**

Lecturer

M. Sc., Kunsan National University, Korea, 2016

**Shameer Saleh**

Lecturer

Master of Professional Engineering, University of Sydney, 2017

**Abdullah Al Farabi**

Lecturer

B. Sc. in Engineering (Civil), BUET, 2017

**Noshin Nawar Reza**

Lecturer

B. Sc. in Engineering (Civil), BUET, 2018

**Zarin Tasnim**

Lecturer

B. Sc. in Engineering (Civil), BUET, 2017

**Department Resources and Facilities**

The Department facilities include state-of-the-art classrooms and laboratory facilities, which are well equipped with up-to-date instruments and logistic support. The laboratory facilities serve the purposes of practical demonstration and analytical experiments in the following engineering disciplines:

- Transportation Engineering,
- Hydraulics Engineering,
- Engineering Materials,
- Geotechnical Engineering,
- Structural Mechanics & Strength of Materials,
- Environmental Engineering & Chemistry, and
- Computer Programming.

The laboratory facilities equipped with all up-to-date instrumentations provide the students with opportunities to do or be involved in original research in their respective fields. The Department maintains an independent library and an inventory, which contains published thesis books, faculty publications, textbooks, journals, and reference books.

**Areas of Strengths and Best Practices**

The strengths of the Department revolve with its committed and qualified faculty members and staff who provide quality services to the students whenever there is need without any default or delay.

The faculty members make sure that all courses are taught according to the stipulated curriculum and all academic regulations are followed. The Department makes all the specialty areas available in the discipline for students to explore the niche areas of specialization in Civil Engineering which makes students capable of solving complex problems and formulate engineering solutions.

The landmark strength is the accreditation of the Department by the Institution of Engineers, Bangladesh in 2007 and in 2018. The IEB accreditation provides the Department with national as well as global acknowledgement of the quality and standards of its program.

The Department and its faculty members take the use of HEQAP's quality assurance protocols with right earnest to achieve a system of outcome-based education through as-required assessment at student level. Moderation of exams and scrutiny of exam papers in each semester facilitate the quality assurance of the Department's program. The culture of quality has begun to be institutionalized at the department and is a milestone that has uplifted the department to a unique level.

In 2018, the department reached two milestones in its strength. In January 2018, the UGC-nominated external peer review team (EPRT) reviewed the curriculum, academic rigor of the BSc program, inspected physical facilities in the labs and rated it 'Very Good'. The team praised the faculty members for their dedication and commitment to implement outcome based education (OBE) in teaching-learning.

In April 2018, another review team from the Board of Accreditation for Engineering and Technical Education (BAETE) visited the Department. After thorough scrutiny, the Department was able to retain its status as an IEBA accredited undergraduate program. The B.Sc. in Civil Engineering program is accredited with the grade 'good' for the next three years, ending in 2021.

The Department recognizes talented and top ranking students by providing opportunities to be recruited as teaching assistants, and subsequently secure high profile jobs in teaching, research or in industries at home and abroad.

## Achievements of the Department

In 2018, 133 students, including 9 girls, earned their B.Sc. and 5 students earned their Master's degree from the Department.

## Awards Received

Professor Dr Tanveer Ferdous Saeed received UGC Gold Medal for outstanding fundamental research contribution in engineering and technology in the year 2018.

UAP is the recipient of "Seven Rings Cement Award -2018" for its outstanding contribution to nation building through educating and producing excellent Civil Engineers for the country. On 6 December 2018, Head of the

Department, Professor Dr Muhammad Mizanur Rahaman, received the award on behalf of UAP along with 8 Vice Chancellors of leading Engineering Universities - BUET, CUET, KUET, RUET, SUST, DUET, AUST as well as UAP at the Grand Ballroom of Radisson Blue Hotel in Dhaka.

In 2018, the American Concrete Institute (ACI) UAP had declared UAP as ACI Outstanding University, in a sequence of previous two years – 2016 and 2017, in recognition of the academic and extra-curricular activities of the students of the department.

Dr. Md Jihad Miah, Assistant Professor of the Department, received the best paper award of his paper titled "The Effect of Steel Slag Coarse Aggregate on the Mechanical and Durability Performances of Concrete" in the International Conference on Material and Manufacturing Technology (ICMMT 2019), 26-28 April 2019, Kuala Lumpur, Malaysia.

## Alumni Achievements

**Md. Safayat Hossain**, graduated in 2017 is currently pursuing M.Sc. in Environmental Engineering degree at Ondokuz Mayıs University, Turkey, with a full scholarship from Government of Turkey.

**S M Jamil Uddin**, graduated in 2016, has received a full scholarship from North Carolina State University (NCSU) to pursue PhD in Civil and Construction Engineering starting from Fall 2019.

**Mohammad Soharab Hossen**, graduated in 2015, completed his M.Sc. Degree in Water Resources Engineering and Management in 2018 from UNESCO Madanjeet Center for South Asia Water Management under the University of Moratuwa, Sri Lanka, with a full scholarship by UNESCO South Asia Foundation.

**Nandita Saha**, graduated in 2013, re-joined in 2019 as a Lecturer at UAP after completing her Master's degree from Osaka University in Japan.

## Student Achievement

**Abdullah Al Mamun**, graduated in 2018, based on his undergraduate thesis, co-authored a paper, "Hydropower development along Teesta River Basin: Opportunities for Cooperation". The paper received best paper award in general

category in “*International Conference on Water and Environmental Engineering*” held at BUET during 21-22 January 2019.

## Industrial Advisory Panel Formed to Strengthen Department-Industry Interfacing

The University of Asia Pacific appointed eight eminent professional engineers from the industry as “Industrial Advisor” to the Department of Civil Engineering in June 2018. The industrial advisory panel will advise the department with valuable ideas and insights of industry requirements to improve academic and research quality of the undergraduate and graduate programs offered by the Department of Civil Engineering. Members of the panel are:

### **Professor Dr M. Monowar Hossain**

Executive Director  
IWM

### **Engr. Md. Abdul Awal**

Managing Director  
The Structural Engineering Ltd.

### **Engr. Toufiq M Seraj**

Managing Director, Sheltech

### **Engr. M. A. Sobhan, PEng.**

Managing Director  
DMP Consultants Ltd.

### **Engr. Itemad Ud Daulah**

Chairman  
DIRD Group.

### **Engr. H S Mozaddad Faruque**

Director General  
Bangladesh Water Development Board

### **Engr. Md. Shah Alam**

Technical Advisor (Marketing & Sales)  
Crown Cement Group

### **Engr. Abu Mohammed Masud**

CEO & Managing Director  
Icon Engineering Services

## UAP CE Seminar Series

One of the greatest achievements of the Department during 2018-19 was the introduction of bi-weekly *UAP CE Seminar Series*. It has become one of the most fruitful co-curricular activities and students turn up in large numbers to attend

the seminar. Scholars and professionals from different specialties of the discipline are regularly invited to give seminar to inform students about numerous research projects that are going on all over the world and to share their knowledge and experience. So far students have had the opportunity to attend 17 seminars from experts with a broad range of specialties as part of UAP CE Seminar Series (<http://uap-bd.edu/ce/seminar/>).



(a)



(b)

(a) Annemiek Prins, a researcher at University of Aberdeen, UK, and a speaker at UAP CE Seminar Series receives a token of appreciation from Professor Dr Muhammad Mizanur Rahaman

(b) Dr Taher Saif, Professor, University of Illinois at Urbana-Champaign, USA, delivering his keynote presentation in a seminar on “Science and Engineering Research in US - Role of the Government, National Labs and Universities” jointly hosted by UAP CE and Bangladesh Academy of Sciences.

## UAP CE Training Programs

To cater more effectively to the needs of the students the department has launched a series of training programs. In these training sessions students can learn the tricks of the trade in a professional setting with seasoned veterans.

Training programs generally last for about six hours and are held on Saturdays.



Attendees of the training program on "Rainwater Harvesing" with UAP Vice Chancellor, National Professor Dr. Jamilur Reza Choudhury.

## International Workshop on Sustainable Transport Equity Partnerships

A two-day long international workshop on "Sustainable Transport Equity Partnerships (STEPS)" was held at Lakeshore Hotel, Dhaka, during 27-28 March 2019. UAP and Dhaka Transport Coordination Authority (DTCA), The University of Leeds, UK, WALK21, and Work for Better Bangladesh jointly organized the workshop to find strategies and research avenues for "Making Dhaka Walkable". The objective of the workshop was to strategize how to make Dhaka one of the best case scenario for pedestrians.

In the workshop, participants from different government organizations, local and foreign universities, NGOs and research institutes participated to share their important views about the topic. Professor Karen Lucas, University of Leeds, UK, Bronwen Thornton, WALK21, UK, Heather Allen, Gender and Sustainable transport Expert, Belgium, Neil Lopez, De La Salle University, Philippines, and Diana Odero, UN Environment, showcased different international best practice scenarios for pedestrians. Dr Farzana Rahman and Dr Sharmin Nasrin from Department of Civil Engineering presented their research findings on mobility challenges of low income population in the workshop.

## Externally Funded Research Project

"Sustainable Transport Equity Partnerships (STEP)" is a collaborative research project with the University of Leeds, UK, University of Asia

Pacific, University of Manchester, UK, Walk 21 (International NGO), UN Environment, FIA Foundation, Volvo Research and Educational Foundations (VREF), and the University of Nairobi, Kenya. STEP is funded by Research England, UK. UAP received £11,000 for the research and conducted the STEP workshop held on 27-28 March 2019.



Participants of the STEP Workshop on 28 March 2019

## National and International Collaboration

### Professor Dr Muhammad Mizanur Rahaman

**External Examiner**, PhD Thesis, Faculty of Engineering, Built Environment and Information Technology, University of Pretoria, South Africa from September to October 2019.

**Member of the Editorial Board**, International Journal of Sustainable Society, Inderscience Publishers, UK, from 2009 to date.

**External Peer Reviewer**, Research Grant Application of International Center for Integrated Mountain Development (ICIMOD), Nepal from April 2019 to May 2019.

**Invited Lecturer**, Foreign Service Academy, the Ministry of Foreign Affairs, Bangladesh from April 2019 to May 2019.

**External Expert**, Technical Committee of Water Resources Planning Organization (WARPO), Government of Bangladesh from April 2019 to date.

### Professor Dr Farzana Rahman

**Principal Investigator**, research project on "Trip Chaining and Mode Choice Modeling and Feasibility of Ridesharing Services" in association with MIST from July 2016 to June 2019.

**Co-Principal Investigator**, in research projects on:

a. *"Assessing the Bus Priority Lanes for Shahbag and Bijoy Sharani Intersection"* in collaboration with BUET from February 2015 to May 2019.

b. *"Gender and Transport Nexus: Achieving a more equitable and inclusive society"* funded by Eastern Asia Society for Transportation Studies International Research Group (IRG) from August 2016 to September 2019

c. *"Bus Service Quality Prediction"* in collaboration with Loughborough University, UK from May 2018 – May 2019

### Professor Dr Tanveer Ferdous Saeed

**Principal Investigator**, research project on *"Fecal Sludge Management"* funded by WaterAid Bangladesh, from April 2018 to December 2018.

### Department Events and Co-curricular Activities

The department facilitates and provides platform for the students to organize events that nurture their co-curricular skills. In the department, there is a student forum, called, Civil Engineering Students' Forum. Under the forum, there are 5 clubs; they are: Math Club, Civil Engineering Structure Club, Geotechnical Engineering Club, Environmental and Disaster Management Club and Transportation Club

### Club Activities

Each of these clubs is independent and function through a working body consisting of a faculty advisor, president, vice president and student members. The activities of the clubs include event specific quizzes, presentations, projects, poster exhibitions and various club specific competitions (such as Sudoku and Rubik's cube competition by Math Club) all of which are held every semester. Apart from the listed clubs and activities, there are exhibitions and events in the Civil Engineering Festival every semester that are organized by the film club, art and photography club and the cultural club.



(a)



(b)

(a) Quiz Competition of Structure club and  
(b) Students volunteering in the 1st UAP-SEL Junior High School Mathematical Olympiad - 2018 organized by Math Club.

Along with regular club activities and other festivities, the Department celebrated its twenty years journey in 2018. A ceremonial 20 kg cake was cut in front of jubilant students. In their brief speeches all the guests wished continued success for the department.



(a)



(b)

(a) Honorable Vice Chancellor and Honorable Chairman of the BOT cutting the cake to mark the 20<sup>th</sup> anniversary of the Department and

(b) Students performing at the cultural program afterwards.

## Sports and Receptions

Various indoor and outdoor games and sports tournaments are organized throughout the year. Football and cricket tournaments are organized once a year. Indoor games, such as, table tennis, carom, ludo, chess and international bridge are organized every semester.

## Study Tours

Study tours are organized every semester for the students to have the deserved respite from the intensive engagement in the engineering curriculum. Each semester, the students get to select a venue of their choice where they would like to venture through the nature and the ecosystem in addition to utilizing the field specific learning opportunities.



Departmental Study Tour of 36<sup>th</sup> batch at Kaptai Lake

During Fall 2018, students of batch 36 visited

Rangamati and Khagrachari. The environmental challenges posed by the Kaptai Dam and the rain water harvesting techniques used by some families in Sajek Valley at Rangamati, brought students to the forefront of practical knowledge of the discipline. Rangamati is a holiday destination because of its landscape, scenic beauty, lake, colorful indigenous ethnic groups (Chakma, Marma etc), its flora and fauna, indigenous museum, hanging bridge, etc. Students were specifically interested to learn about the hanging bridge structure with practical details which are usually referred to as example during the class lectures.

In Spring 2019, students visited Sylhet and Sreemangal tourist spots. Students were exposed to a handful of natural reserves, like Bichanakandi, Jaflong valley, Lawachara forest and Madhabpur lake. Students were fascinated to learn about the irrigation method at work in tea gardens, animal and plant diversity in various natural reserves. Besides enjoying the scenic beauties, the students came to realize how uncontrolled collection and crushing of stones pose some serious threats to the neighboring areas of Jaflong, Sylhet.



Students of 37<sup>th</sup> batch in front of Lawachara National Forest

## Visit to WARPO

The final year students of the department visited Water Resources Planning Organization in June 2019. The Director General of WARPO, Mr. Mahmudul Hasan, Directors Ms. Badrun Nahar and Mr. Taufiqul Islam, Principal Scientific Officer, Mr. Rezaul Karim, and Scientific Officer, Mr. Kazi Saidur Rahman welcomed and briefed them on

the different activities of WARPO.

## Picnic

A picnic is organized every year in the Fall semester for the students and faculty members for the purpose of relaxation. Each year, the students get to select a location of their choice where they can enjoy the sight of the nature, organizes different competitions, raffle draw, pitha utshob etc. The picnic during Fall 2018 was held at Dhaka Resort, Gazipur.



Departmental picnic held in Dhaka Resort in Fall 2018

## Faculty Leadership

**Professor Dr M. R. Kabir** is re-elected as Chairman, Bangladesh Chapter, Association of University of Asia and the Pacific (AUAP).

## Services to Social Responsibility

Students of Civil Engineering Department volunteer to conduct free literacy and blood donation programs, which provide them the opportunity to contribute to and connect them with the society. Students of the Department run a school for underprivileged children namely "Sholpo Meydai Shishu Shikhhkha Karjokrom". The activity provides opportunities for interactions between the faculty and the students, which very often prove to be productive and innovative as a way of nurturing and strengthening the innermost capacities of the students.

## Faculty Creativity

From the very beginning of each course, the faculty members tell the students what abilities/attributes they will have to acquire by the end of the course. The instructor also demonstrates

to them the importance of each ability/attribute in their professional career. The students thus become encouraged to attend all the class lectures regularly.

- In some of the classes, the students are asked to play the role of a teacher. The students are asked to demonstrate in the class what they have learned from the previous lectures delivered by the teacher. This helps them improve their communication skill.
- Pop quiz is often taken to assess the status of the student's level of understanding complex problems. In the first 15 minutes of a lecture, the teacher identifies who had faced problems in attaining/grasping the intended outcomes from the previous lecture and resolves them first, and then follow on with topic of the day's class.
- Relevant forms (to be filled up by moderator and scrutinizer) have been introduced to monitor and document the academic process management of the department. Teachers are advised to update the lectures materials and teaching methods as part of continuous quality improvement.

## Department Goals for the Next Year

- Fully implement Outcome Based Education system for successful continuation of accreditation from national and international accreditation authorities and to enhance research KPI (amount of external fund received for research, number of peer-reviewed articles published in scientific journals, patent sought on innovation/discovery) of the Department by conducting quality research.
- Review curriculum to bring it up to the benchmark of internationally recognized programs and advices of peer review teams and stakeholders (alumni, Industry Advisory Panel members) to strengthen Civil Engineering program
- Carry on Continuous Professional Development (CPD) program for faculty members in attending workshops on professional training, conferences and seminars.

## Publications of Faculty Members

### A. Peer-reviewed Journal Papers

**Alam, M. A. & Al-Riyami, K.** (2018). Shear strengthening of reinforced concrete beam using natural fibre reinforced polymer laminates. *Construction and Building Materials*, 162, 683–696.

**Alam, M. A., Suliman A. Bakkar, Shahnawaz A. Onik, & Kamal N. Mustapha** (2018). Embedded Connector in Severe Optimization of Steel Plate for Shear Strengthening of RC Beam: Experimental and Numerical Investigations. *Advances in Civil Engineering*, Article ID 4721431, 12 pages. DOI: 10.1155/2018/4721431

Bavandpour, F., Zou, Y., He, Y., **Saeed, T., Sun, Y. & Sun, G.** (2018). Removal of dissolved metals in wetland columns filled with shell grits and plant biomass. *Chemical Engineering Journal*, 331, 234–241.

Hadiuzzaman, M., Farazi, N., Hossain, S., Barua, S. & **Rahman, F.** (2019). Structural Equation Approach to Investigate Trip-Chaining and Mode Choice Relationships in the Context of Developing Countries. *Transportation Planning and Technology*, 42(4), 391–415.

**Hasan, M. M., Basak, K. & Kazi Rayhan** (2018). Roadside urination and public sanitation facilities in Dhaka, Bangladesh. *Journal of Advanced Civil Engineering Practice and Research*, 7, 9–17.

**Hasan, M. M., Saeed, T. & Nakajima, J.** (2019). Integrated simple ceramic filter and waste stabilization pond for domestic wastewater treatment. *Environmental Technology & Innovation*, 14, 100319. DOI: 10.1016/j.eti.2019.100319.

Hossain, M.A., Miah, M. S., **Miah, M. J. & Hossain, M.M.** (2019). Performance evaluation of a newly developed translational tuned mass damper. *International Journal of Structural and Civil Engineering Research*, 8(2), 94–100.

Islam, M. S., **Ahmed, S. J. & Alam, F.M.** (2019). The failure bond force of untreated and epoxy-treated reinforcement: An analytical study. *Construction and Building Materials*, 201, 81–89.

Islam, M. S. & **Ahmed, S. J.** (2018). Influence of jute fiber on concrete properties. *Construction and Building Materials*, 189, 768–776.

**Miah, M. J., Kallel, H., Carré, H., Pimienta, P. & La Borderie, C.** (2019). The effect of compressive loading on the residual gas permeability of concrete. *Construction and Building Materials*, 217 (2019), 12–19. DOI: 10.1016/j.conbuildmat.2019.05.057.

Miah, M.S., **Miah, M. J., Hossain, M.M. & Faisal, M.F.A** (2019). Nonlinear seismic response evaluation of gradually damaged steel shear frames. *International Journal of Structural and Civil Engineering Research*, 8(1), 34–39.

Miah, M. S., **Miah, M. J., Hossain, M. M. & Paul, S.C.** (2018). Nonlinear seismic response of flat plate systems made with ultra low strength concrete. *Global Science and Technology Journal*, 6(2), 35–46.

**Noor, S.T., Islam, S. & Reza, S. M. S.** (2019). SPT Based Soil Liquefaction Susceptibility Assessment: A Review. *Journal of Environmental Treatment Techniques*, 7(3), 295–299.

Quddus, M., **Rahman, F., Monsuur, F., Ona, J. & Enoch, M.** Analyzing Bus Passengers' Satisfaction in Dhaka using Discrete Choice Models. *Transportation Research Record*, 2673(2), 758–768. DOI: 10.1177/0361198119825846.

**Rahaman, M. M. & Shehab, M. K.** (2019). Water consumption, land use and cropping patterns of Rice, Wheat and Potato in South Asia during 1988–2012. *Sustainable Water Resources Management*, 1–18. DOI: 10.1007/s40899-019-00331-4.

**Rahaman, M. M. & Shehab, M. K.** (2018). Is the propensity of increasing the rice production a sustainable approach? Experiences from India, Pakistan, and Bangladesh. *Journal of Water Resources Management*, 5(2), 12–28.

Rahman, M.M. & **Rahaman, M. M.** (2018). Impacts of Farakka barrage on hydrological flow of Ganges river and environment in Bangladesh. *Sustainable Water Resources Management*, 4(4), 767–780. DOI: 10.1007/s40899-017-0163-y.

**Rahman, F., Joewono, T. B. & Masum, S. A.** (2018). Application of traffic calming Devices In developing Countries: Learning lesson from Bangladesh. *Journal of Transportation Technologies*, 8, 119-135.

Reza A., **Saqif, M. A., Anzum S. & Aziz A. M.** (2018). Review on Corrosive Behavior and Possible Protective Measures for Reinforcing Bars. *International Journal of Engineering & Technology*, 7 (3), 154-159.

**Saeed, T., Haque, I. & Khan, T.** (2019). Organic matter and nutrients removal in hybrid constructed wetlands: Influence of saturation. *Chemical Engineering Journal*, 371 (1), 154-165.

**Saeed, T. & Khan, T.** (2019). Constructed wetlands for industrial wastewater treatment: Alternative media, input biodegradation ratio and unstable loading. *Journal of Environmental Chemical Engineering*, 7 (2), 103042. DOI: 10.1016/j.jece.2019.103042.

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**Alam, M. A., Hossain, N., Debnath, H. C., Ghosh, P. K. & Rahman M. M.** (2019). Shear strengthening of damaged RC beam using externally bonded steel plate with embedded connector and steel bar. *2nd International Conference on Structural Engineering Research*, 19-22 January 2019, Dhaka, Bangladesh. ISBN: 978-0-6482681-2-3.

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Hossain, A. B. M. I., **Chowdhury, R. M., Newaz, A., & Afifah, F.** (2019). DRASTIC Based Vulnerability Assessment in Northwestern Part of Bangladesh. *International Conference on Engineering Research and Education School of Applied sciences & Technology*, 25-27 February 2019, Shahjalal University of Science and Technology, Sylhet, Bangladesh.

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**Miah**, M. J., Miah, M. S. & Alam, W. B. (2018). Strengthening of reinforced concrete beams utilizing ferrocement: role of external loading positions. *Proceedings of the 4th International Conference on Advances in Civil Engineering* (pp. 490-495). Bangladesh: Chittagong University of Engineering and Technology.

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B. M., Ouarda, T. B. M. J. (Eds.) *Proceedings of the 2nd International Conference on Water and Environmental Engineering (iCWEE2019)* (pp. 58-69). Dhaka: Bangladesh University of Engineering and Technology.

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Safayat, H. M., Bari, M. S. & **Rahaman**, M. M. (2019). Hydropower Development in South Asia: Benefits for Bangladesh. *CD proceedings of the 4th Eurasian Conference on Civil and Environmental Engineering*, 17-18 June 2019, Istanbul, Turkey. Turkey: Istanbul Gelisim University and Nevsehir Hacı Bektas Veli University (NEVU).

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# Department of Computer Science and Engineering



## Introduction

The Department of Computer Science and Engineering was the first Department established at UAP in 1996. The department is now thriving forward and its graduates are making positive contributions in this fast-growing field.

## Vision

The Department strives to be in the lead in ICT innovation through excellence in education, research and development collaboratively with the growing industry.

## Mission

The Department of CSE is committed to pursue excellence by applying and imparting knowledge of ICT to its students. Educational curriculum, research and collaboration between academia and industry are given highest priority. CSE, UAP aspires to produce graduates capable of taking leadership on the field of their best interest. We nurture graduates in:

- Understanding the basic principles of

computational, electronic and modern technologies,

- Promoting creativity by applying their theoretical knowledge in practical problem solving,
- Enabling them to communicate ideas clearly and concisely both in written and verbal forms,
- Creating awareness about environment, social responsibility, and economic development within the ethical boundaries, and
- Engaging for further research or professional involvement.

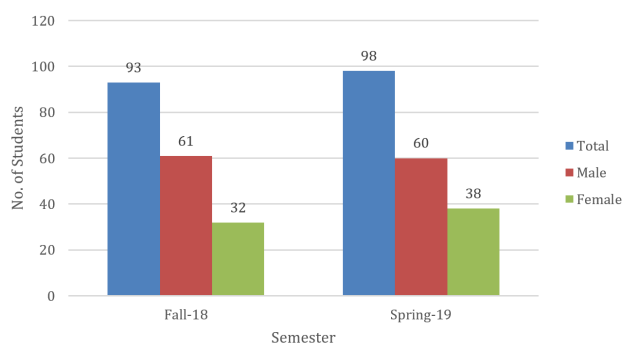
## Academic Programs

Since its inception in 1996, the department has been offering undergraduate program in Computer Science and Engineering and later on in 2006 started offering graduate program. Following a bi-semester system, it requires 8 semesters to complete the degree of B.Sc. in Computer Science and Engineering and 3 semesters to complete the degree of M. Sc. in

## Computer Science and Engineering.

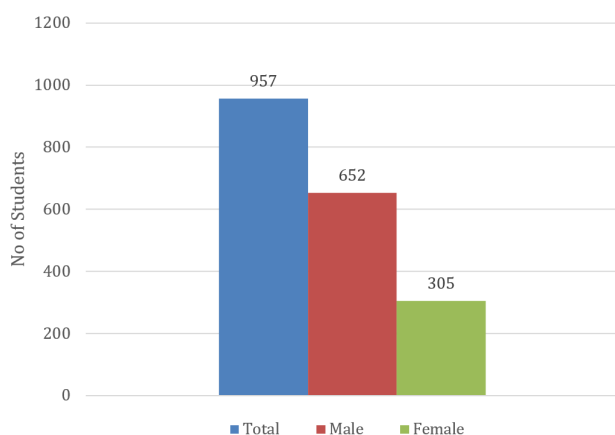
### In-take Capacity and Admission

The Department maintains a full capacity of admission; in each academic session– Fall and Spring, about 100 students are admitted so that 26 full time and 10 part-time faculty members may give their best possible attention, both in-class and in-lab, to each of the students admitted for full capacity development of their potential. The admission process is highly competitive and admission test is required. Both in Fall and Spring, about 100 students were admitted filtered through admission test and oral interview. The average GPA of admitted students in undergraduate program in Fall is 8.93 and that of Spring is 9.03—the range being from 7.5 to 10 for SSC and HSC combined.



Number of Admitted Students in Fall-18 and Spring-19

In 2018-2019 academic years in Fall 2018 and Spring 2019, the total number of enrolled students in undergraduate program is 957 and in graduate program is 20. One-third of the total students in the Department are female.



CSE Total Number of Students

### Department Facility

The goal of the Department of CSE is not only to teach students in classrooms to complete the degree but also to provide the latest configured computers and related facilities to ensure practical learning and to implement latest world technologies. The facilities in the department include state-of-the art classroom and lab facilities. The 8 (eight) lab facilities are available in the following areas: five outstanding computer programming labs with latest configuration, one project lab for final year students' project or thesis work, one digital lab, and one industry standard gaming lab established with the support from ICT division of the Government of Bangladesh. These labs are networked with each other and all other computers of the department through LAN. A short summary of the equipment facilities provided by department labs is given below:

#### Programming Labs

In programming lab 1, 2, 3 and 4, the department offers the students a total of 138 fully functional computers. All of these computers have intel core i-7 6700, 3.4 GHz processors, 8 gigabyte DDR-4 memory, 1 terabyte hard disk and both windows 10 and Ubuntu as dual boot operating system. Furthermore, programming lab 5 has a total of 29 functional computers with Intel core i-3, 3.4 GHz processors, 8 gigabyte memory and 500 gigabyte hard disk. All of this equipment are more than capable of providing the students a practical oriented learning experience.

#### Digital Lab

The department has a digital lab which has 8 functional computers with intel core i-3, 3.4 GHz processors, 8 gigabyte memory and 500 gigabyte hard disk. Moreover, this lab also provides students the necessary hardware tools such as circuit maker, micro wind, MDA microprocessor kit, Arduino and various logic gates and chips so that the students are able to turn their project ideas into reality.

## Project Lab

The Department has a state-of-the-art project lab for final year students' project or thesis work which offers 20 fully functional computers with intel core i-7 7th generation, 3.86 GHz processors, 16 gigabyte DDR-4 memory, 1 terabyte hard disk and both windows 10 and ubuntu as dual boot operating system.

## Game and Application Development Lab

Equipped with state of the art facilities with 10 computers with intel core i-7 7th generation, 3.86 GHz processors, 16 gigabyte DDR-4 memory, 1 terabyte hddisk, Mobile Sumsung S3, Tab Sumsung, Wacom Intuos, color printer etc. for game and application development funded by the ICT division of Bangladesh Government.

## Faculty Members

The Department has a total of 24 skilled full-time faculty members. Among them, 5 faculty members have PhD from different reputed universities.

### Dr Bilkis Jamal Ferdosi

Professor & Head  
Ph. D. (The Netherlands)  
M.Sc. (Germany)  
B.Sc. (Jahangirnagar University)

### Dr Md. Abdul Hamid

Professor  
B.Sc. in CIE (Malaysia)  
MS-PhD. CE (Korea)

### Mr. Alope Kumar Saha

Associate Professor  
B. Sc. in APE (DU)  
M. Sc. in CS (DU)

### Ms. Shaila Rahman

Assistant Professor  
B. Sc. in APE (DU)  
M. Sc. in CS (DU)

### Ms. Shammi Akhtar

Assistant Professor  
M.Sc. Engg. (UAP)

### A S Zaforullah Momtaz

Assistant Professor  
B.Sc. Engg. (UAP)

### Molla Rashied Hussein

Assistant Professor  
B.S. (NSU)  
M.Engg. (USA)

### Nadeem Ahmed

Assistant Professor  
B.Sc in CSE (DU),  
M.Sc. (UK),  
MBA- Finance (IUB)

### Dr Nasima Begum

Assistant Professor  
M.Sc. (JU); Ph.D. (Japan)

### Dr Md. Rajibul Islam

Assistant Professor  
B.Sc. (India);  
M.Sc. & Ph.D. (Malaysia);

### Md. Imran Bin Azad

Assistant Professor  
MS in CSE (DU)

### Tanjina Helaly

Assistant Professor  
M.Sc. (USA)  
B.Sc. in EEE (BUET)

### Jahir Ibna Rafiq

Assistant Professor  
B.Sc. (UK)

### Dr A S M Touhidul Hasan

Assistant Professor  
Ph.D.(China)  
M.Sc. (China);  
B.Sc. in CSE (SUB)

### Abdullah Al Omar

Lecturer  
B.Sc. Engg. (UAP)

### Tahira Alam

Lecturer  
B.Sc. & M.Sc (DU)

### Md. Shopon

Lecturer  
B.Sc. Engg. (UAP)

**Nayeema Sultana**

Lecturer

B.Sc. in CSE (DU)

**Sakib Hasan**

Lecturer

B.Sc. in CSE (IUT)

**S M Rafiuddin Rifat**

Lecturer

B.Sc. in CSE (RUET)

**Tanmoy Sarkar Pias**

Lecturer

B.Sc. in CSE (BUET)

**Mahathir Monjur**

Lecturer

B.Sc. in CSE (BUET)

**Laboni Sarker**

Lecturer

B.Sc. in CSE (BUET)

**Md. Mohaiminul Islam**

Lecturer

B.Sc. in CSE (BUET)

**Faculty Creativity in Teaching-Learning**

Faculty members always try to increase student engagement by using a learning inventory style with every student and designing lessons that address the different styles within their classes.

Faculty members engage themselves to improve the students' critical thinking and problem solving capability and help students persevere while struggling to learn new concepts.

In almost every courses conducted by the faculty members, *Google Classroom* is used as a communication medium among students and the course teachers. This is an online platform by Google where course teachers can post updates and start discussions regarding class materials, assignments and notices in topic-wise sections. Recently, the department has initiated collaboration with KJS Company Ltd. (Japan) and Japan International Cooperation Agency (JICA) to start using Think Board, a content creation and management system. This system is developed by KJS Company Ltd. and has been appreciated

for its use in the *Information Technology Engineers Examination (ITEE)* for Bangladeshi undergraduate students to find career opportunities in Japan. The department has assigned a faculty member to use the system on experimental basis during Spring 2019 semester.

**Best Practices and Areas of Strength**

To enhance the quality of education even further, the department tries to maintain the following best practices which would help students to strengthen their capabilities:

The Department regularly organizes workshops, seminars and training sessions in collaboration with industry partners such as Samsung R&D, Leads Corporation, KJS Ltd. Japan, JICA, and the like to make the students ready for their profession.

Students do industrial training when they are in third year second semester. Through this training the students are able to learn about the working environment and practical experience of the computer industry. Hopefully, this practice will reduce the gap between academia and industry, and will increase the prospects of jobs for our students.

The Department nurtures students by offering regular competitive programming classes and ensuring their participation in different online and offline programming contests in order to increase their excellence in programming. A legendary personality like Prof. Dr. M. Kaykobad regularly meets our students to encourage them in programming.

The Department has established a high-profile Application and Game Development Laboratory in collaboration with ICT division of Bangladesh government to win the job race in the field of ICT especially in Application and Game Development which is one of the top upcoming multi-million-dollar industries. To avail the job market in VLSI design and fabrication, which is going to be one of the flourishing outsourcing industries in Bangladesh, we provide state of the art tool named "Cadence" which is highly used in this industry.

The Department regularly organizes different national and international level events such as the International Collegiate Programming Contest, ICCIT Conference, Hardware and Software Exhibition, etc. to increase the hands-on experience of the students.

It strives to thrive for ensuring quality education for our students by importing necessary educational equipment both hardware and software and by recruiting highly qualified faculty members on a regular basis.

The Department gives strong emphasis on research activities through conducting biweekly seminar on current research of the faculty members which is also open for the 3<sup>rd</sup> and 4<sup>th</sup> year Bachelor and Masters Students. Undergraduate and postgraduate students conduct high quality research under the supervision of the faculty members and regularly publish articles in international journals and conferences. This practice will not only increase the quality publications but also prepare the students for their higher studies.

To make students stress free and increase their social and communication skills, the department regularly arranges various activities like picnics, cultural activities, film and photography exhibitions.

## Departmental Clubs

To encourage the students in all areas of life including curricular and co-curricular activities, the Department has been playing an exceptional role over the years. As for that reason the Department has the following 8 clubs: Computer Programming Contest Club, Career Development Club, Research and Publication Club, UAP Hardware and Software Club, Math Club, Cultural Club, Film and Photography Club, Sports Club.

### Computer Programming Contest Club:

Programming Contest Club works on developing students' skills in programming and prepares

them for various programming contests across the globe, especially the ICPC Programming Contest. Programming Contest club arranges coaching and workshops to improve the problem-solving ability of the students. Following are the few notable events organized by the club:

### National IT Competition for Physically Challenged Youth 2019

On 22 June 2019, Department of Computer Science and Engineering (CSE) organized "National IT Competition – 2019 for youth with disabilities" along with ICT Division and Bangladesh Computer Council for the fourth time in a row. Close to 100 participants along with their guardians from all over the country visited UAP on that day and participated in four different disability categories.



National IT Competition for Physically Challenged Youth – One Girl (in purple) and one Boy (in yellow) at Hoisting the Inaugurating Balloons.

**Mr. Zunaid Ahmed Palak, MP**, State Minister, ICT Division was the Chief Guest. Mr. N M Ziaul Alam, Secretary, ICT Division was the Special Guest. Mr. Parthapratim Deb, Executive Director, Bangladesh Computer Council (BCC), Engr. Mohammad Enamul Kabir, Director (Training and Development), BCC, and other dignitaries from Bangladesh Computer Council, ICT Division, and of UAP attended the Seminar. The contest was successfully conducted under the supervision of the Programming Contest Club. Student volunteers (in white t-shirts in the photograph) from CSE department played a vital role in successfully conducting the competition.



Honorable State Minister, Mr. Jumaid Ahmed Polak, MP speaking as Chief Guest at the National IT Competition for Physically Challenged Youth.



Glimpses of the Programming Contest at the Computer Labs of the Department ; Contestants with Visual Impairment (top) and Contestants with Neurodevelopmental disorders (bottom).

### Inter Department Programming Contest 2018

Programming Contest Club of the Department organized the UAP Inter-Department Programming Contest 2018 on December 15, 2018. A total of 84 teams of two categories: Junior

Category (first- and second-year students) and Senior Category (third- and fourth-year students) participated. Among them, 56 teams were from CSE department and 1 team from EEE department participated in the junior category and 22 teams from CSE, 3 teams from EEE, and 1 team from Civil Engineering department participated in the senior category. National Professor Dr. Jamilur Reza Choudhury, Vice Chancellor, UAP, graced the Prize Giving Ceremony as the Chief Guest. Prof. Dr. W. B. Poucher, ICPC Executive Director, Prof. Dr. Jeff Donahoo, ICPC Deputy Executive Director, and Prof. Dr. C. J. Hwang, ICPC Asia Regional Director were present at the event as Special Guests. The Champions, 1st runner up, 2nd runner up and Top All-Girls' teams of both categories received awards from the guests.



ICPC Executive Director - Prof. Dr. Bill Poucher, Deputy Director - Prof. Dr. Jeff Donahoo, Asia Regional Director - Prof. Dr. C. J. Hwang visited UAP on 15 December, 2018 during their scouting team visit for 2021 ICPC World Finals in Bangladesh.

### Career Development Club

The Career Development Club (CDC) helps the students to grow their skills for job market and prepare them for jobs in the industry. Following are the few notable events organized by the club:

#### Workshop on "The Future of VLSI Education in Bangladesh"

The CDC and the Department of CSE organized a seminar on VLSI education on 20 June, 2019 where Ms. Aliya Shafquat, Chip Designer, TAHOE who worked as a chip designer in Intel Corporation, USA, for 18 years, was the speaker.



Ms. Aliya Shafquat, Chip Designer, TAHOE – the main speaker of the seminar on 20 June, 2019.

### Workshop on “Emerging Technology towards IT Career”

CDC Club in collaboration with PeopleNTech LLC organized this workshop for giving students knowledge on emerging technologies of recent times on 30 April, 2019. Mr. Roney Saha, Assistant Manager, PeopleNTech LLC was the speaker of this workshop.

### Activation Campaign of “BPO SUMMIT BANGLADESH 2019”

An Activation Campaign was organized at UAP campus on 17 April, 2019 about “BPO SUMMIT BANGLADESH 2019”. Later on, BPO Summit 2019 took place on April 21-22, 2019 at Pan Pacific Sonargaon, Dhaka.

### How to Take Preparation for the Samsung R&D Institute Bangladesh Recruitment Test

Career Development Club of CSE organized a seminar on 27 January, 2019 on the subject of “How to Take Preparation for the Samsung R&D Institute Bangladesh Recruitment Test”. This seminar was conducted by Mr. Ashraf-ul Asad who is currently working as a Chief Engineer in Samsung R&D Institute Bangladesh. Samsung R&D Institute Bangladesh (SRBD) started its operation in June 2010 and was officially inaugurated in February 2011. It is the first R&D hub of a multinational company in Bangladesh.

The seminar helped the participants to know about the type of question and how to prepare well for taking recruitment test.

### Seminar on “Knowing Leads Corporation and Prospective Internship Opportunity”

A seminar on “*Knowing Leads Corporation and Prospective Internship Opportunity*” was organized in collaboration with Leads Corporation Ltd. -- a leading software company of Bangladesh, in October 2018. Mr. Shaikh Wahid, Managing Director and CEO, Head of HR and other high officials from LEADS Corporation Limited was present in the seminar. They briefed about their company and had a very informative discussion with the students about career planning, job requirements, preparation for the future, recruiters’ expectations and many more interesting topics.

### Workshop on “Grow with Samsung R&D Institute Bangladesh”

A workshop was organized with Samsung R&D Institute, Bangladesh where the main speaker was Gazi Munir Uddin, Deputy General Manager - Head of HR, Samsung R&D Institute, Bangladesh (SRBD). The second speaker was Muhammad Ashraf-ul Asad, Samsung R&D Institute Bangladesh (SRBD).

### KJS Award Ceremony

The Department signed a MOU with KJS Company Ltd., Japan - a well-known IT Education Company in Japan, with cooperation from JICA (Japan International Cooperation Agency), Japan and Bangladesh Computer Council (BCC), ICT Division, Government of Bangladesh. The main objective of this MOU is to implement and support the e-learning system developed by KJS Company Ltd, Japan at the Department. Under this MOU, KJS Company Ltd., awards the students who successfully pass the different level of ITEE examination.



KJS Award Ceremony for the students of CSE who passed the different levels of ITEE examination.

## Research and Publication Club

Research and Publication Club of CSE Department is responsible to organize seminar/workshop activities on interesting recent research related work to encourage students. In addition, this unit handle the 4th year thesis/project related activities.

### Seminar on “Research Methodology”

Research and Publication Club arranged a seminar titled “Research Methodology” on 29 April, 2019. The department faculty members were the speakers and the 4<sup>th</sup> year students who take thesis/project attended the seminar. The speakers went through the different phases of research in detail with hands-on training to efficiently perform in each of these phases. More than 130 students attended the seminar.

### Seminar on “Human Computer Interface: Action with Advanced Technology”

Professor Dr. Jungpil Shin, from University of Aizu, Japan recently visited Department of Computer Science and Engineering, University of Asia Pacific. He has conducted a seminar on “Human Computer Interface: Action with Advanced Technology” on Sunday, March 24, 2019. The speaker talked about non-touch HCI using Motion gesture sensor, Gestural flick input-based character input system, Disease Diagnosis using Pen-Table. He also showed the recent activities of his lab which includes Character Generating based on human activities detected with sensors. A practical demonstration on how this character generator works was done. He later discussed

about the future prospects of this technology and expressed his interest on research collaboration with the Department of CSE.



Dr. Jungpil Shin, Senior Associate Professor, Division of Information Systems, School of Computer Science and Engineering University of Aizu (UoA), Japan.

## UAP Software and Hardware Club

This club aims to develop students’ skills in software and hardware development and to produce marketable products. UAP Software and Hardware club conducts training programs for students to prepare them to develop different attractive hardware/software projects.

### Inter-University Software and Hardware Carnival – 2018

The Software and Hardware Club of the Department of CSE organized the “Inter-University Software and Hardware Carnival – 2018”, at UAP City Campus. Contestants from 20 universities participated with their projects in the daylong event. There were five segments in the competition: Software Exhibition, Hardware Exhibition, Line Following Robot Contest, Short Hackathon on “Rohingya Management System” and Cyber Gaming Contest. A total of 300 participants took part in the competition.



Inauguration ceremony of Hardware and Software Carnival 2018

## Robotics Club

Robotics club arranges interesting sessions on modern robotics and reveals a new world of electronics and computer programming. In Hardware and Software Carnival 2018 the club organized the Line Follower Robot Competition. Line follower is an autonomous robot which follows either black line in white area or white line in black area. Robot must be able to detect particular line and keep following it. Around 25 teams participated in the competition, where 17 teams came from different universities. There were 3 rounds in the competition. The participants had to complete the 1st & 2nd round for qualifying to the final round.



Line Follower Robot Competition in Hardware and Software Carnival 2018

## Math Club

The objective of Math Club is to help the students to build their logical thinking by solving math problems, to develop the problem-solving techniques of mathematical and programming analysis, develop the quantitative efficiency in programming and to build up mathematical modeling in problem solving. Members of CSE Math Club regularly participate in different national math Olympiads. In 2018-19 they participated in the 10th National Undergraduate Mathematics Olympiad (2018), 3<sup>rd</sup> Women's Math Olympiad (2019) and EWU Inter University Math Olympiad 2019.

## Film and Photography Club (FPC)

This club motivates students to learn and share new ideas and techniques with fellow students

having similar interests and imaginative power through film and photography.

## Photo Competition and Exhibition: ViewFinder 2018

In each academic semester, FPC organizes a photography competition and exhibition named **ViewFinder**.



Glimpses of View Finder 2018 (left) Air Commodore (Retd.) Ishfaq Ilahi Choudhury, Treasurer, UAP, watching photos in the exhibition (right) National Prof. Dr. Jamilur Reza Choudhury is distributing prizes among the winners.

## Cultural Club

The Cultural Club arranges cultural week in every semester to hunt talents in different cultural fields. In every semester there is a grand cultural show participated by the students and teachers.

## Cultural Day 2018

In Spring 2018, competitions in different cultural fields were held in a day long program followed by an unplugged musical session. Pro-vice Chancellor Dr. M. R. Kabir was present as chief guest in the Unplugged Musical session.

## Cultural Fest 2019

On 23 January 2019, a cultural fest was organized by the Cultural Club. The festival includes competitions in different cultural events like singing and art as well as a cultural program.

## Pitha Utsab 2019

The students of third year arranged a Bengali traditional Pitha Utsab in CSE Department on 29 January 2019. The Head of the department and convener of Cultural Club inaugurated the program. All faculty members and students were present to taste different delicious pitha.

## Sports Club

Sports club arranges sports week in every semester that includes competitions in different games like Cricket, Bad Minton, Table Tennis, Football, etc.

## Study Tours

The Department tries to enrich the students' knowledge and desire to a higher extent through creating the opportunities to visit some ongoing big ICT related projects in Bangladesh. As a part of that, every year department arranges a study tour comprising of the senior students to see the amazing development project of Bangladesh Submarine Cable Company Limited located in Cox's Bazar. Bangladesh Submarine Cable Company Limited (BSCCL) is a Core Telecommunications service provider and International Submarine Cable Operator of Bangladesh. It is an IIG (International Internet Gateway).

## Alumni Achievements

**Bulbul Khan Monna**, graduated in Fall 17 has a patent application in process based on his work titled "Development of Functionalities for Smart Phone and Power Share". He presented and published a paper on the Development of Functionalities for Smart Phone and Power

Share in 4th International Conference on Green Computing and Engineering Technologies (ICGCET), August 2018, Aalborg University, Denmark.

**Homeyra Akter**, graduated in Fall 17, received the prestigious Monbukagakusho Scholarship in 2019 for pursuing Master's study at the University of Rhykyus, Japan.

**S. M. Tanjilur Rahman**, graduated in Fall 17 joined KJS Ltd., Japan as a software engineer in 2019.

## Student Achievement

A team consisting of department students -- Imran Nazir, Rafat Jamader Maraz, Nahid ddn Ahammed, and Anauruzzaman was placed 2nd runner-up position in HACKATHON competition organized by Dept. of ICT, Bangladesh University of Professionals (BUP) April 2019 Dhaka.

## Department Goals for the Next Year:

- An Industrial Advisory Panel (IAP) consisting of eminent industrialists and key employers in CSE field will be formed by the end of 2019. IAP will provide valuable ideas and insights of industry requirements to improve academic and research quality of the undergraduate and graduate programs offered by the Department as well as enhancing the employability of its graduates in national and international job market.
- Outcome Based Education (OBE) method will be fully implemented within 2020 so that the motto of providing quality education is fully realized.
- UAP plans to participate in 2021 International Collegiate Programming Contest (ICPC) World Final to be held in collaboration with ICT Division and BCC of Bangladesh Government. The Department is taking preparation for participating in this mega event of the country.

## Publications of Faculty Members

### A. Peer-reviewed Journal Papers

**Akhtar**, S., Monna, B. K., Ara, A. & Bhandari, P. (2018). Development of Functionalities for Smart Phone and Power Share. *Indian Journal of Science and Technology*, 11(27), 1–5.

**Hasan**, A. S. M. T., Jiang, Q., Chen, H. & Wang, S. (2018). A new approach to privacy-preserving multiple independent data publishing. *Applied Sciences*, 8(5), 783.

**Hasan**, A. S. M. T., Qu, Q., Li, C., Chen, L. & Jiang, Q. (2018). An effective privacy architecture to preserve user trajectories in reward-based LBS applications. *ISPRS International Journal of Geo-Information*, 7(2), 53.

**Momtaz**, A. S. Z., Ul, R. & Jahan, N. (2018). An Advance IoT based Road Traffic Manipulation System. *Communications on Applied Electronics*, 7(23), 1–5.

Niyigena, J. P., Jiang, Q., **Hasan**, A. T., Ziou, D., Chen, H. & Wang, P. (2018). ICT Usage and Attitudes Among EAC Undergraduate Students—A Case Study. *IEEE Access*, 6, 42661–42674.

**Omar**, A. A., Bhuiyan, M. Z. A., Basu, A., Kiyomoto, S. & Rahman, M. S. (2019). Privacy-friendly platform for healthcare data in cloud based on blockchain environment. *Future Generation Computer Systems*, 95, 511–521.

Rahman, S. S., Mahmud, H., Talukder, M. R., Daria, A. & **Akhtar**, S. (2018). A Machine Learning Based Approach for Diabetes Detection and Care in Bangladesh. *Journal of Engineering and Technology*, 4(2), 21–28.

Tarek, M. M. & **Ferdosi**, B. J. (2018). External Group Labeling of Objects in 2D Medical Images Using Spring-Mass Model. *Journal of Biomedical Engineering and Medical Imaging*, 5(2), 40–50.

Tasnim, R., Khan, S., Arshad, A. & **Hussein**, M. R. (2018). Non-Contact Capacitive Technique for Biomass Flow Sensing. *Indonesian Journal of Electrical Engineering and Computer Science*,

11(2), 531.

Zaini, M. K. A., Lai, M. H., **Islam**, M. R., Lim, K. S. & Ahmad, H. (2018). Cancellation of birefringence in DBR laser through principal axis offset by a rotation of 90°. *Indian Journal of Physics*, 92(8), 1045–1048.

### B. Conference Papers

Ahmed, S., Islam, M., Hassan, J., Ahmed, M. U., Ferdosi, B. J., Saha, S. & **Shopon**, M. (2019). Hand Sign to Bangla Speech: A Deep Learning in Vision based system for Recognizing Hand Sign Digits and Generating Bangla Speech. *Proceedings of the International Conference on Sustainable Computing in Science, Technology and Management*, 26–28 February 2019, Jaipur, India. DOI: 10.2139/ssrn.3358187.

Al Imran, M., **Mridha**, M. F. & Nur, M. K. (2019). OTP Based Cardless Transaction using ATM. *Proceedings of the 2019 International Conference on Robotics, Electrical and Signal Processing Techniques* (pp. 511–516). Bangladesh: IEEE.

**Begum**, N. & Nakanishi, T. (2018). Efficiency Improvement in Group Signature Scheme with Probabilistic Revocation. *Proceedings of the 2018 International Symposium on Information Theory and Its Applications (ISITA)*, 28–31 October 2018, IEEE, Singapore. DOI: 10.23919/ISITA.2018.8664209

**Ferdosi**, B. J. (2018). Microscopy Cell Counting and Annotation Using a Max-Tree Representation of the Blood Cell Images. *Proceedings of the 3rd International Conference on Biomedical Signal and Image Processing* (pp. 61–65). Kitakyushu, Japan: Kyushu Institute of Technology.

**Ferdosi**, B. J., Nowshin, S., & Sabera, F. A. (2018). White Blood Cell Detection and Segmentation from Fluorescent Images with an Improved Algorithm using K-means Clustering and Morphological Operators. *Proceedings of the 4th International Conference on Electrical Engineering and Information & Communication Technology (iCEEiCT)* (pp. 566–570). Dhaka, Bangladesh: Military Institute of Science and

Technology.

Huang, Y., Jiang, Y., **Hasan**, T., Jiang, Q. & Li, C. (2018). A topic BiLSTM model for sentiment classification. Proceedings of the 2nd International Conference on Innovation in Artificial Intelligence (pp. 143-147). Shanghai, China: Association for Computing Machinery. DOI: 10.1145/3194206.3194240.

Haque, R. U. H., Mehera, P., **Mridha**, M. F. & **Hamid**, M. A (2019). Bengali Stop Phrase Detection Mechanism using Corpus Based Method. 8th International Conference on Informatics, Electronics & Vision (ICIEV), 30 May -2 June 2019, Eastern Washington University, Washington, USA.

Haque, R. U. H., Mehera, P., **Mridha**, M. F. & **Hamid**, M. A (2019). A Complete Bengali Stop Word Detection Mechanism. 8th International Conference on Informatics, Electronics & Vision (ICIEV), 30 May -2 June 2019, Eastern Washington University, Washington, USA.

Hu, Q., Li, C., **Hasan**, T., Li, C. & Jiang, Q. (2018). A collaborative caching strategy in contentcentric networking. MATEC Web of Conferences, 189, 03018. DOI: 10.1051/mateconf/201818903018.

**Islam**, M. R., Bhuiyan, R. A., **Ahmed**, N. & Islam, M. R. (2018). PCA and ICA Based Hybrid Dimension Reduction Model for Cardiac Arrhythmia Disease Diagnosis. Proceedings of the 2018 IEEE 10th International Conference on Humanoid, Nanotechnology, Information Technology, Communication and Control, Environment and Management (HNICEM), 29 November – 7 December 2018, IEEE, Baguio City, Philippines. DOI: 10.1109/HNICEM.2018.8666331.

Li, Z. Q., Qiao, Y. C., **Hasan**, T. & Jiang, Q. S. (2018). A Similar Module Extraction Approach for Android Malware. DEStech Transactions on Computer Science and Engineering, MSO (International Conference on Modeling, Simulation and Optimization), 2018.

Mahmud, A., Adnan, M. A. & **Shopon**, M. (2018). An Incremental Clustered Gradient Method for Wireless Sensor Networks. Proceedings of the 2018 21st Saudi Computer Society National

Computer Conference (NCC) (pp. 1-6). Saudi Arabia: IEEE.

**Mridha**, M. F., **Hamid**, M. A., Rana, M. M., Khan, M. E. A., Ahmed, M. M. & Sultan, M. T. (2019). Semantic Error Detection and Correction in Bangla Sentence. 8th International Conference on Informatics, Electronics & Vision (ICIEV), 30 May -2 June 2019, Eastern Washington University, Washington, USA.

**Mridha**, M. F., Hamid, M. A. & Asaduzzaman, M. (2018). Issues of Internet of Things (IoT) and an Intrusion Detection System for IoT Using Machine Learning Paradigm. Proceedings of the 2018 International Joint Conference on Computational Intelligence. 14-15 December 2018, Daffodil International University, Dhaka, Bangladesh.

Rahman, M. A., Shin, J., **Saha**, A. K. & **Islam**, M. R. (2018). A Novel Lossless Coding Technique for Image Compression. Proceedings of the 2018 Joint 7th International Conference on Informatics, Electronics & Vision (ICIEV) and 2018 2nd International Conference on Imaging, Vision & Pattern Recognition (icIVPR) (pp. 82-86). Japan: IEEE.

**Sarker**, L., Chakravarty, S. & Rahman, A. (2018). A Graph Theoretic Approach for Maximizing Target Coverage using Minimum Directional Sensors in Randomly Deployed Wireless Sensor Networks. Proceedings of the 2018 5th International Conference on Networking, Systems and Security (NSysS) (pp. 1-9). Bangladesh: IEEE.

### C. Peer-reviewed Book Chapters

**Alam**, T., Ahmed, C. F., Zahin, S. A., Khan, M. A. H., & Islam, M. T. (2018). An Effective Ensemble Method for Multi-class Classification and Regression for Imbalanced Data. In: Perner, P. (Ed.) Advances in Data Mining. Applications and Theoretical Aspects. ICDM 2018. Lecture Notes in Computer Science, 10933. New York: Springer.

**Ferdosi**, B. J., & Tarek, M. M. (2019). Visual Verification and Analysis of Outliers Using Optimal Outlier Detection Result by Choosing Proper Algorithm and Parameter. In Abraham,

A., Dutta, P., Mandal, J. K., Bhattacharya, A. & Dutta, S.(Eds.) Emerging Technologies in Data Mining and Information Security (pp. 507-517). Singapore: Springer. DOI: 10.1007/978-981-13-1498-8.

**Saha, A. K., Mridha, M. F., Rafiq, J. I. & Das, J. K.**

(2019). Information Extraction from Natural Language Using Universal Networking Language. In Bhatia, S. K., Tiwari, S., Mishra, K. K. & Trivedi, M. C. (Eds.) Advances in Computer Communication and Computational Sciences (pp. 283-292). Singapore: Springer.



# Department of Electrical and Electronic Engineering



## Vision

The vision of the Department of Electrical and Electronic Engineering is to reach its educational excellence in full compliance to the international standards of quality assurance.

The Department will produce quality graduates capable of taking the challenges of the rapidly changing field of Electrical and Electronic Engineering as well as capable of making significant contribution to individual and societal empowerment.

## Mission

The mission of the Department is to provide quality education at affordable cost in the areas of Electrical and Electronic Engineering to enhance capabilities of our graduates to favorably compete in the job market and contribute to the economic, scientific, and social development of the country.

The Department maintains a conducive academic environment to promote excellence in learning and research through constructive interaction between students, faculty, industry,

and community. The department utilizes all available resources to instill latest technical knowledge and research capabilities, encourage critical thinking, attain problem solving skills, build ethical responsibility and develop verbal and written communication abilities among the students.

## Academic Program

The Department started its journey by offering undergraduate program in Electrical and Electronic Engineering (EEE) in 2004. Currently the Department awards degree in Bachelor of Science in Electrical and Electronic Engineering (EEE) and plans to open M. Sc. (EEE) program. Following a bi-semester system, it requires minimum 8 semesters to complete degree of B.Sc. in Electrical and Electronic Engineering (EEE). The syllabus is approved by the UGC and the program is accredited by the Board of Accreditation for Engineering and Technical Education (BAETE).

## In-take Capacity and Admission

In every academic year, in two semesters- Fall and Spring, the department admits students in

undergraduate program. In Fall 2018 and Spring 2019, a total of 100 students including 21 female students were enrolled in the department. The admission process is competitive and the students are required to appear in written exams to test students in Mathematics, Physics, English and assess aptitudes. Candidates selected in written test are then to face an oral interview to be finally enrolled in the department. The male female ratio of the admitted students is reasonably good considering the engineering program. Currently, the total number of enrolled students in the department is 657 out of which 98 are female students.

## Faculty and Facilities

The Department has a strong body of faculty members who are enthusiastic to deliver knowledge among the students. Out of 31 faculty members, 5 faculty members hold PhD degrees from well-reputed foreign universities in Australia, Japan, USSR and France and 13 faculty members hold M. Sc./M. Engg. degree from well-reputed national and foreign universities. The teacher student ratio is as reasonable as 1:25. The Department offers courses in all three of EEE - Power, Communication, Electronics and Biomedical to meet the demands of the EEE students.

The Department facilities include state-of-the-art classrooms and laboratories, which are well equipped with up to date logistic support. The department has 16 well equipped and state of the art laboratories accommodate in 9 rooms. The laboratory facilities serve the purposes of practical demonstration and analytical experiments in the following engineering disciplines: Electrical Circuits, Electrical Machines, Digital Electronics, Digital Signal Processing, Communication, Microprocessor and interfacing, Measurement and instrumentation, Power electronics, Simulation and Computer Programming. There is a separate project lab with state of the art equipment like 3D printer for the research purpose of the faculty members and students.

## Areas of Strength and Best Practices

The main area of strength of the Department is its highly experienced and qualified faculty members who are committed to provide

excellence in teaching and learning. Some of the faculty members have teaching experience in foreign universities. Currently, there are three professors in the department, who are specialized in the areas, namely, power, communication and electronics.

As an obligation to produce quality graduates the Department of EEE is adapting and implanting globally accepted Outcome-Based Education (OBE) teaching and learning structure.

As a part of continuous quality improvement, the self-assessment committee of the Department takes initiative to review the curriculum at a regular interval to meet the changing needs and demands of the industry around the world.

The Department introduced the system of moderation of questions for semester final examinations. The moderation of question by moderation board and scrutiny of exam scripts by scrutiny committee in each semester assures the assessment of quality of the students.

Besides taking regular quizzes, some faculty members take sudden quizzes just to check if the students could understand delivered lecture in the class or not. Sometimes open book exam is conducted to test students' comprehension skills. Some teachers use smart digital display make the course lectures more alive and more comprehensible for the students. In some courses presentations are made on emerging topics to the students live examples for practical learning.

To meet the requirements for graduation, every student must complete group project/thesis of 6 credit hours. Each thesis/project group comprises of three final year students. The best practice in the Department regarding thesis/project work is that each group at the end of 4<sup>th</sup> year 1<sup>st</sup> semester is required to present their research progress. After the semester final exam of 4<sup>th</sup> year 2<sup>nd</sup> semester, the thesis/project groups are required to present their final report on thesis/project and defend them before and Defense Board. The Board is comprised of Professor Emeritus of EEE, internal faculty members of the Department and one external faculty member of the relevant field. To facilitate quality research and to meet necessity expenses involved during the thesis/project work, the Department provides a grant up to Tk.20 thousand to each group.

Connection of the Department with the industry is one of the requirements to adapting Outcome-Based Education. The department arranges industrial attachment training, tours, workshops, seminars are arranged frequently to give hands-on experience and to generate proactive learning. The department publishes prospectus and curriculum that contains comprehensive information about the Department and its program.

The meritorious and highly ranked students of the class are acknowledged by the department through providing opportunities to be recruited as lecturers and teaching assistants.

### Department Achievements

Accreditation of B.Sc. in EEE program got renewal by the Board of Accreditation for Engineering and Technical Education (BAETE), Bangladesh in 2018. The program is accredited by BAETE since 2014. Thus the graduates from the Department of EEE, UAP can become a member of Institution of Engineers, Bangladesh (IEB). The External Program Review Team (EPRT) constituted by UGC and consisted of local and internal expert on the subject rated the program as “very good”.

Opening of the Institute of Electrical and Electronics Engineers (IEEE) UAP student branch and IEEE UAP Women in Engineering (WIE) branch is another milestone of success. IEEE is the world's largest association of technical professionals with more than 423,000 members in over 160 countries around the world. IEEE Women in Engineering (WIE) is one of the largest international professional organizations dedicated to promoting women engineers and scientists and inspiring girls around the world to follow their academic interests to a career in engineering. Currently seventy UAP students have IEEE student membership following one of the largest student branch among private universities in Bangladesh. The student members of this branch are able to acquire different facilities nationally and globally to complement their academic skills.

Since its beginning, the department has been producing quality graduates every year. In Fall 2018, 83 students earned B. Sc. degree in EEE. Numerous graduates from the department are currently doing jobs in government and well-

reputed private organizations in Bangladesh. Some of them are doing higher studies in Europe, Australia and North America. Some of the EEE alumni become entrepreneurs who are creating jobs for future EEE alumni.

EEE faculty members are profoundly involved in research and publish their research in quality journals. In July 2018 to June 2019 faculty members have published 10 journal articles and 18 conference papers.

### Seminars, Workshops, and Celebrations

Seminar and workshops have arranged for the students frequently where academicians and professional resource persons share their research thoughts and ideas to students. Seminar on ‘Principles of Coherent Optical Communication’ in association with IEEE UAP Student Branch and IEEE Communication Society Bangladesh Chapter was organized in 2018 where eminent scholar and IEEE Fellow Joseph M. Kahn, Professor at Department of Electrical Engineering, Stanford University, CA, USA was the keynote speaker. Final year students and faculty members participated in the seminar.



Head, EEE is presenting token of appreciation to Professor Joseph M. Khan

### Workshop

In August 2018, Department of EEE arranged a workshop on ‘Energy and Power Week 2018’ in collaboration with the Ministry of Power, Energy and Mineral Resources (MPEMR). business management The objective of the workshop was to create awareness among the students on the growth and development of Energy and Power Sector.

## Celebration of PES Day 2019

UAP IEEE branch in association with Women in Engineering (WIE) affinity group celebrated IEEE with the theme, "More Power to the future" The activities like "Line Follower Robot Competition", quiz competition and idea generation session marked the celebration. IEEE, has celebrated IEEE Power and Energy Society Day 2019. At the event, the respectable speakers expressed their optimism to evolve teams that would pursue interest in robotics and mechatronics through such events. The photographs below provide a collection of snapshots of the activities arranged by IEEE UAP student branch.



The Project Club and IEEE UAP student branch organized Line Follower Robot competition

## Co-curricular and extra-curricular activities

As a part of co-curricular activity, in each

semester a group of students participate for industrial visit to enhance practical knowledge about the industry. Last year, students of 4<sup>th</sup> year 1<sup>st</sup> semester students took part a day long industrial visit to Mymensingh Combined Cycle Power Station Ltd. The final year students of 22<sup>nd</sup> and 23<sup>rd</sup> batch went for week long industrial visit to Karnaphully Hydroelectric Power Station, Kaptai, Bangladesh Submarine Cable Company Ltd, Cox's Bazar and Cox's Bazar 132/11 kV grid substation in December, 2018. The students who study courses on Power System Analysis, Power System Reliability, Power Station Engineering and communication engineering are exposed to Power Generating Plants, Sub-Station maintenance, Switch Gear equipment, High Voltage Transmission and data management to immensely benefit to the students.



Final year Students at Mymensingh Power Station in November, 2018



Final Year Students at Bangladesh Submarine Cable Company Ltd.



Final year Students at Cox's Bazar 132/11 kV grid substation in December, 2018

The department frequently arranges and participate in intra departmental and interdepartmental extra-curricular activities. There are different clubs in the department, each of which is fully functional through a working body consisting of a faculty advisor, president, vice president and student members. The department of EEE became "Champion" by defeating Civil Engineering department in interdepartmental football competition held in July last year. Honorable Vice-Chancellor, UAP has presented Champions trophy among EEE Champions. Later in this year in interdepartmental cricket competition the department received victory against English department and awarded the champion trophy on 15 January, 2019. Pro Vice Chancellor, UAP handed over Cham trophy to the students of EEE.



Vice-Chancellor, UAP is presenting Interdepartmental Football Champions trophy to EEE Team



Pro VC, UAP is presenting Interdepartmental Cricket Champions trophy to EEE Team

In each semester the Cultural Club and the students from 2<sup>nd</sup> year 1<sup>st</sup> semester jointly organized a film festival for fresher's students. 4<sup>th</sup> year 1<sup>st</sup> semester students and cultural club jointly organized farewell program followed by cultural program for the outgoing students of 4<sup>th</sup> year 2<sup>nd</sup> semester. A picnic is organized during winter season in Fall semester for the students and the faculty members for recreation purpose. The students get to select a venue of their choice where they enjoy the sight of the landscape, arranges different competitions and events like raffle draw.

## Faculty Members

### **Dr Tapan Kumar Chakraborty**

Professor & Head

Ph. D., Kanazawa University, Japan

### **Dr Kazi Mohiuddin Ahmed**

Professor

Ph. D., Newcastle, Australia

### **Dr Enamul Basher**

Professor

Ph. D., Leningrad Polytechnic Institute, Russia

### **G. R. Ahmed Jamal**

Associate Professor,

M. Sc. (EEE), BUET

### **A.H.M. Zaidul Karim**

Associate Professor,

M. Sc. (EEE), BUET

**Salma Nazia Rahman**

Assistant Professor,  
M. Sc. (EEE), BUET

**Muhammad Towhidur Rahman**

Assistant Professor,  
M. S. (Biomedical), Dhaka University

**M. Abdullah Al Amin**

Assistant Professor  
B. Sc. (EEE), AUST

**Dr Tasnia Hossain**

Assistant Professor  
Ph. D., University of Nice SA, France

**Sazzadur Rahman**

Assistant Professor  
B. Sc. (EEE), BUET

**Masum Howlader**

Assistant Professor,  
M. Sc., KTH, Sweden & KIT, Germany

**Muhammad Ahad Rahman Miah**

Assistant Professor  
M. Engg. (Energy), AIT, Thailand

**Md. Moshir Rahman**

Assistant Professor  
M. Sc. (EEE), IUT

**Manobendu Sarker**

Assistant Professor  
M. Sc. (EEE), BUET

**Shaikh Rashedur Rahman**

Assistant Professor  
M. Sc. (EEE), IUT

**Khandaker Sultan Mahmood**

Assistant Professor  
B. Sc., (EEE), IUT

**Tanima Tasmin Chowdhury**

Assistant Professor  
M. Sc., (EEE), BUET

**Mirza Mursalin Iqbal**

Assistant Professor  
M.Sc. (Power Engineering), Technical University  
of Munich, Germany

**Md. Ibrahim Ibne Alam**

Assistant Professor  
M. Sc. (EEE), BUET

**Dr Tishna Sabrina**

Assistant Professor  
Ph. D., Monash University, Australia

**Md. Khairul Alam**

Lecturer  
B. Sc., (EEE), UAP

**Md. Abdullah Al Mahmud**

Lecturer  
B. Sc., (EEE), UAP

**Sakhawat Hossen Rakib**

Lecturer  
B. Sc., (EEE), UAP

**Kazi Mahtab Kadir**

Lecturer  
M. Engg. (Elec.), University of Houston, USA

**Farhana Akter Mou**

Lecturer  
B. Sc., (EEE), UAP

**Md. Abdullah-Al-Kaiser**

Lecturer  
B. Sc., (EEE), BUET

**Shahnewaz Ahmed**

Lecturer  
B. Sc., (EEE), BUET

**A.N.M. Nafiz Abeer**

Lecturer  
B. Sc., (EEE), BUET

**Shoaib Mahmud**

Lecturer  
B. Sc., (EEE), BUET

**Md. Faizul Bari**

Lecturer  
B. Sc., (EEE), BUET

**Munmun Akter**

Lecturer (Ad-hoc)  
B. Sc., (EEE), UAP

**Adjunct Faculty****Dr Nikhil Ranjan Dhar**

Professor, IPE, BUET

**Dr Md. Ehsan**

Professor, ME, BUET

**Dr Alope Kumar Mozumder**

Professor, ME, BUET

**Dr Md. Nasim Hasan**

Associate Professor, ME, BUET

**B.D. Rahmatullah**

Consultant, UNDP

Ex- DG, Power Cell, Bangladesh

**Dr Ferdous Sarwar**

Professor, BUET

**Awards received by Faculty Members**

**Masum Howlader, Moshir Rahman, and Ibrahim Ibne Alam – Assistant Professors and Khairul Alam**, Lecturer of the Department became “Champion” in a national competition in ‘Power and Energy Hackathon 2018’ organized by the Ministry of Power, Energy and Mineral resources held on 6-7 September, in Dhaka, Bangladesh. The Department was also awarded as “Champion” in ‘Power and Energy Hackathon 2017’ organized by the Ministry of Power, Energy and Mineral resources, Bangladesh in 2017.

**Research Fund Received**

On February 2, 2019, the Department has received a ‘Prototype Development and Commercialization Fund’ for a project on, ‘Cost effective - Real Time Data Logger’, jointly from the Government Ministry of Power, Energy and Mineral Resources (MPEMR) and ESAB Innovation Center (EIC). The objective of the project is to develop a prototype device and verify its commercial viability. It is a very low-cost real-time data logger for solar system which stores important parameters of the solar photovoltaic system such as voltage, current, battery voltage, energy received from the panel as well less provided to load in SD card. It also uploads the data to the cloud and the user can monitor the data from mobile apps. The main purpose of the Real Time Data Logger is to measure real time electrical energy consumption in both residential and commercial loads. The data logger invented is much cheaper than what is available in the market --- the market ones cost around Tk 15,000 whereas the invented data logger will cost only 2,000 Tk. This data logger will help to achieve energy conservation from the user side. By implementing this, energy consumption from

user side will be controlled and less so both user and supplier will be benefited.

**Research conducted**

**Sakhawat Hossen Rakib**, Lecturer, EEE conducted research on “Development of Low Cost SpO<sub>2</sub> (peripheral capillary oxygen saturation) Meter to Monitor Oxygen saturation in Blood from Fingertip to Minimize Neonatal Deaths Due to Critical Congenital Heart Disease (CCHD)” as its Principal Investigator, funded by IEERD UAP, during May 2018- February 2019.

**Faculty Capacity Development Initiatives**

**Kazi Mahtab Kadir, A.N.M. Nafiz Abeer, and Shoaib Mahmud** – three newly joined Lecturers participated in training on “Improving Learning & Teaching Skills (ILTS)” organized by UAP.

**Workshops and Short course attended**

**Shaikh Rashedur Rahman**, Assistant Professor, EEE attended a day long workshop on “Switchgear & Power Protection and Power System Laboratory” organized by BATTCO Engineering, on 30 June, 2019.

**Md. Khairul Alam**, Lecturer, EEE attended a short course on “PLC Applications: Present State-of-the-Art” organized by Islamic University of Technology (IUT), from 26 - 29 November, 2018.

**Professional Services given to the Field****Professor Dr Kazi Mohiuddin Ahmed**

**External Examiner**, PhD Thesis, School of Engineering, University of Melbourne, Australia from 2013 to date.

**G. R. Ahmed Jamal, Associate Professor**

**Quality Assurance Expert**, HEQEP, UGC from 2018 to date.

**Expert Member**, External Peer Review Team, Computer Science and Engineering Program, East West University, Dhaka, 3-5 July 2018.

**Trainer**, in workshops on preparation of OBE curriculum of:

a. Department of Law, Eastern University,

Dhanmondi, Dhaka, 14-16 February, 2019.

b. Department of Electrical and Electronic Engineering, Eastern University, Dhanmondi, Dhaka, 23-25 January, 2019.

c. Department of Electrical and Electronic Engineering, Bangladesh University of Business and Technology (BUBT), Mirpur, Dhaka, 23 December 2018.

d. Department of Electrical and Electronic Engineering, Metropolitan University, Sylhet, November 1, 2018.

## Department Goals for the Next Year

The Department shall start offering M.Sc. in EEE program and establish High Voltage Engineering Laboratory and Advanced Research Laboratory as part of improving research and testing facilities.

## Publications of Faculty Members

### A. Peer-reviewed Journal Papers

Aravind, C. V., Subramaniam, U., **Khan**, M. S. A. & Alam, M. I. I. (2018). Options and Opportunities for Energy Management in Malaysian Grid Systems—Putrajaya as a Case Study. *Journal of Electronic Science and Technology*, 16(4), 316-324.

**Azim**, A. (2018). Real time Implementation of Remote Rover Training System. *International Journal of Computer Networks & Communications Security*, 6 (10), 219-22.

**Azim**, A. (2019). Low Precision Arithmetic Operations in Deep Neural Network: An Overview., *The International Journal of Engineering and Science*, 8 (4), 39-44.

Hasan, M., & **Ahmed**, J. G. R. (2019). Effect of Dust on Output Power of Conventional Solar Panels in Bangladesh. *Asian Journal for Convergence in Technology*, V (I), 798.

Foysal, M., & **Ahmed**, J. G. R. (2019). Empirical Ratio of Higher Optical Transitions in Semiconducting SWCNTs. *Asian Journal for Convergence in Technology*, V (I), 770.

**Khan**, M. S. A., **Rahman**, M. M., Sarker, M., Rokonzaman, M. & Aravind C. V. (2018). Performance evaluation of duobinary single mode fibre using wavelength division multiplexing. *Journal*

*of Engineering Science and Technology*, special issue, 94-105.

**Khan**, M. S. A., Akter, M., Howlader, M., **Rahman**, M. M., Mou, F. A. & Aravind, C. V. (2018). Simulation analysis of intensity modulation for high speed N×40Gb/S transmission over standard single mode fibre using wavelength division multiplexing. *Journal of Engineering Science and Technology*, special issue, 133-144.

**Khan**, M. S. A., **Kadir**, K. M., Alam, M. I. I., Alam, M. K., Wong, J., Iqbal, A., Iqbal, A. (2018). Implementation of Efficient B2G and V2G in Practical Cases. *Journal of Electronic Science and Technology*, 16(4), 325–340. DOI: 10.11989/JEST.1674-862X.80715105.

**Khan**, M. S. A., Miah, M. A. R., Rahman, S. R., Iqbal, M. M., Aravind, C. V. & Iqbal, A. (2018). A technical analysis of security management in terms of crowd energy and smart living. *Journal of Electronic Science and Technology*, 16 (4), 367-378. DOI: 10.11989/JEST.1674-862X.

Rahman, S. N., Bashar, S. S., Mahmud, M. A. A., Miah, M. S., **Karim**, A. H. M. & Marium, M. (2019). A Security System for Kindergarten School Using RFID Technology. *Journal of Computer and Communications*, 7(4), 21-30.

### A. Conference Papers

Anan, A., Alam, M. & **Chakraborty**, T. K. (2019). Study of Single-Phase Hybrid Multilevel Inverter for Obtaining 13-Level output Voltage Using Three H-Bridge Units. *Proceedings of the 4th IEEE International Conference on Electrical Energy Systems( ICEES 2019)*, 21-22 February 2019, Chennai, India.

Anan, A., **Chakraborty**, T. K. & Mahmood, K. S. (2018). A Single-Phase Cascaded H-Bridge Multilevel Inverter with Reduced Switching Devices and Harmonics. *Proceedings of the 6th IEEE International Conference on Smart Energy Grid Engineering* (pp. 222-225). Canada: IEEE, Ontario Institute of Technology. DOI: 10.1109/SEGE.2018.8499512.

Bashar, S., Mahmud, M., Miah, M. S., **Karim**, A. H. M. Z. & Hasan, Z. (2019). A Machine Learning Approach for Heart Rate Estimation from PPG Signal using Random Forest Regression Algorithm.

*Proceedings of the International Conference on Electrical, Computer and Communication Engineering* (pp. 1-5). Bangladesh: IEEE. DOI: 10.1109/ECACE.2019.8679356.

Bashar, S., Miah, M. S., **Karim**, A. H. M. Z., Mahmud, M. & Hasan, Z (2019). Extraction of Heart Rate from PPG Signal: A Machine Learning Approach using Decision Tree Regression Algorithm. *8th IEEE International Conference on Informatics, Electronics & Vision & 3rd International Conference on Imaging, Vision & Pattern Recognition*, 30 May – 2 June 2019, Eastern Washington University, Washington, USA.

**Chakraborty**, T. K., Anan, A., Rakib, S. H., Prodhan, M. I., Kamal, M. M. & Mahabubunnabi, M. (2018). Generation of 13-Level Output Voltage from Single-Phase Multilevel Inverter Consisting of Cascaded Three H-Bridge Units. *Proceedings of the 2nd IEEE International conference on power Electronics, Intelligent Control and Energy systems* (pp. 479-482). India: Delhi Technological University.

**Chakraborty**, T. K., Anan, A. & Rakib, S. H. (2018). Experimental Investigation on Single-Phase Multilevel Inverter for Generating 21-Level Output Voltage Using Four H-Bridge Units. *Proceedings of the 4th IEEE Southern power Electronics Conference* (pp. 648-651). Singapore: Nanyang Technological University.

**Khan**, M. S. A., Kadir, K. M., Hasan, M. R., Ahmed, K. R., Raqibul, M. & Mohammad, N. (2018). Investigation of Advanced Implementation of Permanent Magnet Synchronous Generator in Renewable Energy. *Proceedings of the 2018 IEEE 7th International Conference on Power and Energy* (pp. 349–354). Malaysia: IEEE. DOI: 10.1109/PECON.2018.8684116.

Khan, M. M. A., **Mahmood**, K. S. & **Rahman**, M. M. (2018). Differential Quadrature Phase Shift Keying Modulation in Optical Fibre- Modelling, Design, Case Implementation and Limitation. *4th IEEE International Conference on Advances on Computing, Communication and Automation*, 26-28 October, Taylor's University, Malaysia.

Munmun, A., **Khan**, M. S. A., Mahmood, K. S., Amin, M. A. A. & Alam, M. K. (2018). An Advanced

Technical and Parametrical Comparison of Satellites in Asia Region with Uplink EIRP (dB) Vs. Transmitting Antenna configuration. *4th IEEE International Conference on Advances on Computing, Communication and Automation*, 26-28 October, Taylor's University, Malaysia.

**Rahman**, M. M., **Mou**, F. A., Bhuiyan, M. I. H., & Islam, M. R. (2019). Extremely low effective Material loss of air core photonic crystal fiber for THz guidance. *IEEE region 10 symposium (TENSYP)*, 7-9 June 2019, Kolkata, India.

**Rahman**, M. M., **Khan**, M. S. A., Hossain, R., Raihan, S. & Sarker, M. (2018). Simulation analysis of EDFA in optical fiber with WDM system in the perspective of Bangladesh. *IEEE International RF and Microwave Conference*, 17-19 December, IEEE, Malaysia.

**Rahman**, M. S., Akter, M., Miah, S. & Hossain, T (2018). Influence of the Compositional Variation of  $Zn_xCd_{1-x}S$  ( $0 \leq x \leq 0.45$ ) Buffer on the Performance of  $Cu_2ZnSnSe_4$  Solar Cell: Simulation based Study. *15th IEEE India Council International Conference*, 16-18 December 2018, Amrita Vishwa Vidyapeetham, Combatore, Chennai, India.

**Rahman**, M. S., Islam, M. M. A., Kanon, A. A., Sarker, H. & Moniruzzaman, M. (2018). Performance Evaluation of Sn-based Perovskite ( $CH_3NH_3SnI_3$ ) Solar Cells with All Inorganic Oxide Transport Materials: Simulation based Study. *International Conference on Material Science and Semiconductor Devices*, 30-31 December 2018, Dhaka University, Bangladesh.

**Rahman**, M. S. & Ahmed, N. (2018). Impact of Gate Underlap Design on Analog and RF Performance for 20nm Tri-Material Double Gate (TMDG) MOSFET. *IEEE Region 10 Annual International Conference*, 28-31 October 2018, Korea.

**Rahman**, M. S., Miah, S., Marma, M. S. W. & Sabrina, T. (2019). Simulation based Investigation of Inverted Planar Perovskite Solar Cell with All Metal Oxide Inorganic Transport Layers. *International Conference on Electrical, Computer and Communication Engineering*, 07-09 February 2019, Cox's Bazar, Bangladesh.

## Department of English



### Vision

The Department aims to reach higher standards of excellence in creative learning and research in English Language and Literature to draw students from across Asia and beyond.

### Mission

The mission of the Department is to foster a rich academic environment conducive to creative learning and research in pursuance of undergraduate (Honors) and Graduate (Master's) degrees in English Language and Literature. The department's academic program including co-curricular activities are designed to intellectually engage young scholars in acquiring skills and capabilities to excel in their professional career as well as personal lives.

The Department's mission extends beyond the domain of the department to improve English language and literacy skills through offering English Language Proficiency Course (ELPC) and Basic English courses to all new students admitted to UAP departments every semester.

### Academic Programs of the Department

The Department began offering BA (Honors) in English program in Spring 2010 and MA in Applied Linguistics and ELT in Summer 2015. Like all other undergraduate programs of UAP, the department follows a bi-semester system and

requires 8 semesters to complete BA (Honors) degree in English, while the duration of MA in Applied Linguistics and ELT is one year comprising of 3 semesters.

Our undergraduate program has been designed to offer knowledge and understanding of the science of language as well as the literary works of English to develop literary and linguistic aptitudes, while the master's program provides a broad course of study in language and linguistics combining theoretical and ideological dimensions with practical applications in English Language Teaching (ELT).

The Department is responsible for teaching English language courses in various undergraduate programs. It has also started conducting ELPC, a non-credit, short, mandatory English language proficiency course, for the newly admitted undergraduate students of all the Departments.

### Intake capacity and admission

In two semesters in a financial year, the Department enrolls around 150 students in the undergraduate and 20 students in the graduate program. The UGC approved minimum requirement for application for admission to our undergraduate program is a total of GPA 6.0 in SSC and HSC combined, or a minimum GPA 2.5 in five subjects in O levels and 2 subjects in

A level. All the applicants are required to appear for a competitive written and oral test for their admission.

## Faculty

The Department is proud of its dedicated and qualified group of twenty one full time and three part-time faculty members. The fulltime faculty members have academic qualifications from renowned universities from home and abroad, including University of Nottingham, UK; University of Bamberg, Germany; Cambridge English, The English and Foreign Languages University, India; University of Dhaka, and Jahangirnagar University. They are all professional teachers in literature and language, some with many years of accumulated pedagogic and academic experience with UAP and other prestigious institutions like the University of Dhaka and the British Council. They are complemented by highly qualified part time faculty members from the University of Dhaka, not below the rank of Assistant Professor.

## Faculty Members

### Arjumand Ara

Assistant Professor and Head  
BA (Honours)&M.A. in Applied  
Linguistics and ELT, Dhaka University  
MA University of Nottingham, UK  
Diploma in French Language (France)

### Takad Ahmed Chowdhury

Associate Professor  
(On study leave)  
BA (Hons) & MA, Dhaka University;  
MA in EL,  
DU; CELTA, Cambridge English

### Dr Mehnaz Tazeen Choudhury

Associate Professor  
BA (Honors) & MA, Dhaka University  
Masters from Presidency University and  
Ph.D. in ELE from EFL University, Hyderabad,  
India

### Nellufar Yeasmin

Assistant Professor  
(On Leave)  
BA (Honours)& MA, Rajshahi University

### Keya Chakraborty

Assistant Professor  
BA (Honours)& MA, Dhaka University

### Sharifa Akter

Assistant Professor  
BA (Honours) & MA Jahangirnagar University

### Bidisha Zaman

Assistant Professor  
BA (Honours) & MA, Dhaka University

### Afroza Aziz Suchana

Assistant Professor  
BA (Honours)& MA, Dhaka University  
Research Fellow, Dhaka University

### Ismat Zarin

Assistant Professor  
BA (Honours) & MA, Dhaka University

### Niger Afroz Islam

Assistant Professor  
BA (Honours)& MA, Islamic University

### Kazi Amzad Hossain

(On Study leave)  
Lecturer  
BA (Honours) & MA, Dhaka University

### Sadia Afrin Shorna

Lecturer  
BA (Honours)& MA, Dhaka University

### Saimum Rahman Prattay

Lecturer  
BA (Honours) & MA, Dhaka University

### Dr Abu Shahid Abdullah

Lecturer  
MA, OTTO-Friedrich University  
Bamberg (Germany)  
Ph.D. in English Literature, OTTO-Friedrich  
University, Bamberg (Germany)

### Rokeya Sarker Rita

(On Study leave)  
Lecturer  
BA (Honours) & MA, Dhaka University

### Arpita Haque

Lecturer  
BA (Honours) & MA, Dhaka University

### Injamamul Sarwer

Lecturer  
BA (Honours) & MA, Dhaka University

**Iffat Jahan Suchona**

Lecturer

BA (Honours) &amp; MA, Dhaka University

**Sabbir Ahmed Dibbo**

Lecturer

BA (Honours) &amp; MA, Dhaka University

**Subrina Islam**

Lecturer

BA (Honours) &amp; MA, Dhaka University

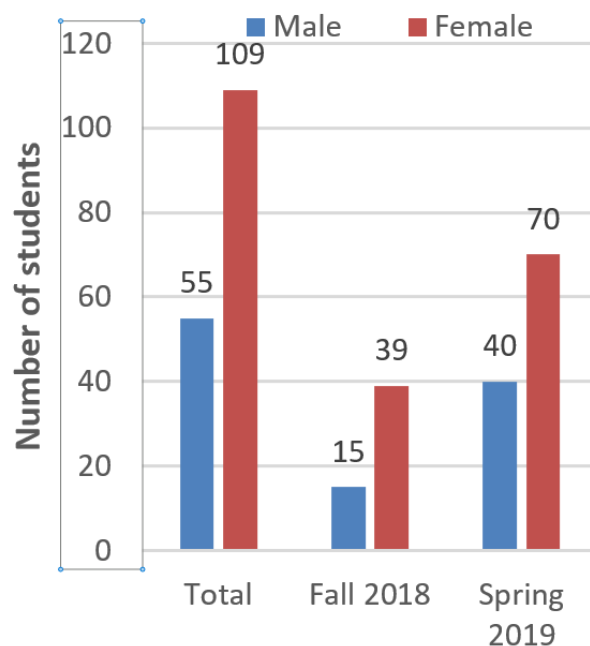
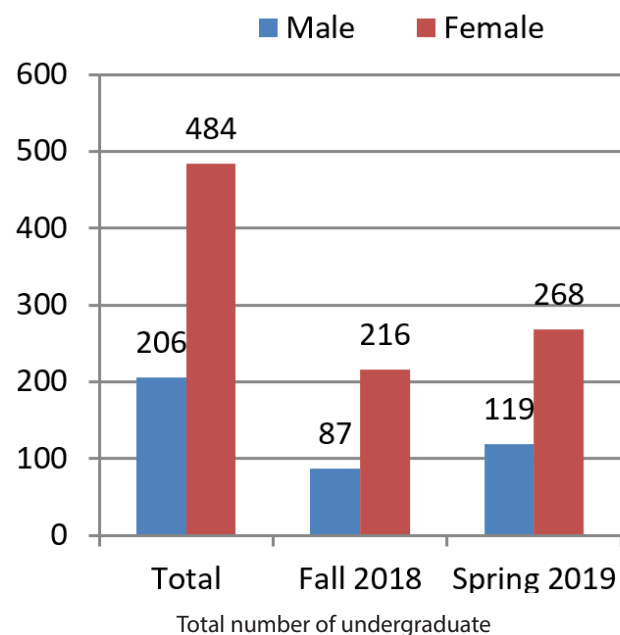
**Sayma Raian**

Lecturer

BA (Honours) &amp; MA, Dhaka University

**ACHIEVEMENTS OF THE DEPARTMENT**

In the last fiscal year, the department experienced a remarkable growth in the number of students enrolled in the first year of the undergraduate program. The total number of students has increased from 303 in Fall 2018 and 387 in Spring 2019. It is noticeable that the number of female students are more than that of the male, both in Fall 2018 and Spring 2019.

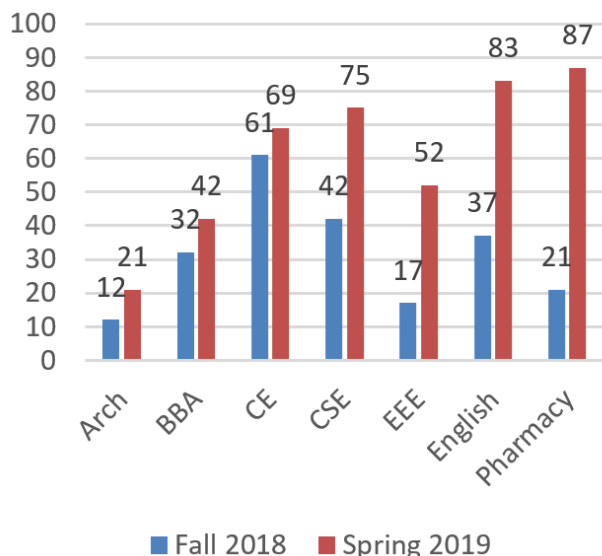


Gender ratio of the newly students from July 2018- June 2019  
admitted undergraduate students from July 2018- June 2019

The department also experienced a positive growth in the number of students for the M.A. in Applied Linguistics and English Language Teaching program.

**English Language Proficiency Course (ELPC)**

The Department offers English Language Proficiency Course (ELPC) to newly admitted students in all the departments of UAP. The Department has successfully conducted the English Language Proficiency Course (ELPC), in Spring-2019 in collaboration with Progress Consultancy Ltd. The course was conducted from February 25 to March 28, 2019. This was a 60-hour course concentrating on the four skills in English language—reading, writing, listening and speaking. A total of 651 (six hundred and fifty one) students from seven departments of UAP attended the course. The number included 222 students from Fall-2018 and 429 students from Spring-2019. The mid-course examination was held on March 11, 2019 and the final examination was held on March 28, 2019. Most of the candidates successfully passed and were given certificates. The figure shows the number of students who took the course from different departments of UAP.



Number of students from different departments who took ELPC (July 2018 to June 2019)

## Fortnightly Lecture and Workshop Series

As part of its Fortnightly Lecture and Workshop Series, the department undertook two academic activities of special significance – one is seminar on **Bengali Literature in Translation** and another is **Workshop on Creative Writing**.

### Seminar on Bengali Literature in Translation

The Department of English successfully organized a seminar on “Bengali Literature in Translation” on June 18, 2019. Renowned academicians and translators, Professor Dr Niaz Zaman and Professor Dr Fakrul Alam were invited to speak on the occasion. The honourable guests talked about the practical problems faced by the translators and the prospect of translation in Bangladesh.



The resource persons presenting their papers during the seminar at the auditorium of UAP.

In the seminar, the well-known translator and a supernumerary Professor of University of Dhaka, Dr Niaz Zaman presented her paper on “*Style and Texture in Translation*”. In her speech, she focused on the qualities required to be a good translator. Dr Zaman discussed several issues encountered by the prospective translators of Bangladesh. She wrapped up the session by saying, “**Translation is a duty to convey the original.**”

“The best translation is when the translator is in possession”, with this statement, reputed academic, writer and translator, Dr. Fakrul Alam shared his personal experience of being a translator. Dr. Alam gave a few suggestions to the budding translators e.g. adding footnotes, endnotes and glossary where needed and always to revise the work once it is completed. He opined that a translator must be one who uses the target language easily, and also has a reasonably good command over the source language.

At the end of the seminar, Dr. Muhammad Mizanur Rahaman, Professor, Department of Civil Engineering and Director, “Institute for Energy, Environment, Research and Development (IEERD)” handed over crests and bouquets to the invited speakers. Afterwards, the vote of thanks was given by Ms. Arjumand Ara, Head of the Department. Ms. Ismat Zarin, Assistant Professor, Department of English was the Convener of the seminar.

## Workshop on Creative Writing

A three-hour-long workshop on “Creative Writing” took place on July 12, 2018 at the conference room of the Dept. of English. Students from different semesters of the Department participated in the workshop. The highly interactive and engaging workshop continued for three hours with an active participation from the students. The Head of the Department, Mr. Takad Ahmed Chowdhury, and other faculty members of the Department were also present at the event.

## Co-curricular Activities

### Drama Festival, 2018 -*Tagore in Translation*

The students of the Department staged five short plays based on the translation of some of the literary works of the Bengali Nobel laureate, Rabindranath Tagore, on 13 December, 2018 at the UAP auditorium. The title of the drama festival was “Tagore in Translation: Transcending Time”. The plays, performed by the students of the English Department were: “SampattiSamarpan”, “Gora”, “Kabuliwala”, “Silence of Subhashini”, and “Mohamaya”. The festival was guided by Ms. SharifaAkter, Assistant Professor & Convener of the Drama Club of the Department along with the Co-conveners, Afroza Aziz Suchana, Assistant Professor; Arpita Haque, Lecturer; Injamamul Sarwer, Lecturer and Iffat Jahan Suchona, Lecturer of the Department.

The National Professor and Vice Chancellor of UAP, Professor Dr Jamilur Reza Chowdhury, was the Chief Guest on the occasion while Ms. Tasneem Siraj Mahboob, member of the UAP Board of Trustees was a Special Guest. Ms. Arjumand Ara, Head of the Department, chaired the program.

Dr Mahmudul Alam, Assistant Professor, Department of Electrical and Electronic Engineering; Dr Mehnaz Tazeen Choudhury, Associate Professor, Department of English and Ms. Layeqa Bashir, Assistant Professor, Sociology, Department of Basic Sciences and Humanities were in the panel of judges. The stage performances were followed by a cultural event in which the students of the English Department

took part.



Department students during the stage performance

The program received warm accolades from the audience. Later on, crests and certificates were distributed among the winners in different categories.

### Inter-University Student Conference and Cultural Competition 2019 – UAP came runner-up

University of Liberal Arts, Bangladesh (ULAB) organized the fifth Inter-University Student Conference and Cultural Competition at its permanent campus on April 18 -19, 2019. Fifteen public and private universities participated in the academic session on the first day. Two students from the Department presented their papers in the academic session. Five universities took part in the competition for the cultural competition crown. The judges were Dr. Chidananda Bhattacharya; Dr. Kirsten Hackenbroch, Director, Goethe-Institute, Dhaka; and Ziaul Karim, Head of Brand & Communication, Eastern Bank Ltd.

The Department of English of UAP secured the runner-up position in the cultural segment of the competition. The event was based on the theme “*The Romantic and the Gothic*” and had two segments: an academic session and a cultural competition. Liaquat Ali Lucky, Director General of Bangladesh Shilpakala Academy, was the Chief Guest at the closing ceremony. He appreciated the performance by the UAP students and invited them to stage the drama at the Shilpakala Academy.



The runner-up team with the judges at the award giving ceremony in the ULAB premises.

## A cultural program for the final year students of Fall 2018

The Cultural Club of the Department of English organized a cultural program for the final year students of Fall 2018 on January 30, 2019 at the East Plaza of the campus building. The program was guided by Keya Chakraborty, Convener, and Afroza Aziz Suchana, Co-convener, Cultural Club. The program included songs, dance performances, and a fashion parade representing different professions of women in our country. The guest of honor for the event was Air Cdre (Retd.) Ishfaq Ilahi Choudhury, Treasurer, UAP who appreciated the efforts and encouraged the outgoing undergraduate students to prepare themselves for a greater challenge ahead, and to nurture themselves to build a strong foundation for their future career. Ms Arjumand Ara, Head of the Department, the faculty members, invited guests and students were present.



Ms. Arjumand Ara, Assistant Professor and Head of the Department giving farewell crests

## Intra-department Indoor Games Tournament, Fall-2018

An intradepartmental indoor games tournament

was organized by the Department of English from January 21 to 23, 2019. The tournament was arranged in categories e.g. table tennis, carom, chess and dart throwing.

The tournament was held in the Indoor Games Room of the university. A prize giving ceremony was also arranged on January 23, 2019 at the Conference Room of the Department of English. Ms. Arjumand Ara, Head of the English Department, distributed prizes and medals among the champions and runner-ups of each category. The faculty members of the department were present in the program.

## Intra-department Indoor Games Tournament, Spring- 2019

An intradepartmental indoor games tournament was held from June 25 to 27, 2019. The tournament was arranged for such categories as table tennis, carom, chess and dart throwing separately for both male and female participants.

The tournament was held in the Indoor Games Room of the University. A total of 74 students from different semesters of the department competed in different categories of games and each category of games had a champion and a runner up. The enthusiasm among students regarding the event was evident as they turned up in numbers to witness the matches. A few of the faculty members along with the Convener of the Indoor Sports Tournament, Sabbir Ahmed Dibbo, were present to witness the final encounters for each event.



The students participating in the Intra-department Indoor Games Tournament, Spring- 2019

## Annual Picnic 2018

The Department enjoyed the annual picnic on December 7, 2018 at Tarubithi Eco Resort, Pirujali, Gazipur, Dhaka. The faculty members, staff and students joined this yearly event.

Two reserved buses packed with the teachers, students and staff set off for *Tarubithi Eco Resort* in Gazipur at 7.30 a.m. It took almost three hours to reach the venue. It was really amazing and everyone took lots of photographs there. The major attraction of the picnic was the “Raffle Draw”. The prizes included mugs, books and photo-frames. The buses started returning at 5PM and entered the university premises safely at about 8.30PM.



The students of the English Department with the honourable Faculty members at the picnic spot.

## English Department Holds a Workshop and a Mock Debate

The Debating and Public Speaking Club, Department of English, UAP, organized a “Workshop on Debating” from 12.00 PM to 02.00 PM on June 27, 2019 at the department’s conference room. Fifty students of the English Department participated in this workshop. Mr. Mehedi Kayser Pabitra, an international debater and trainer, conducted the session. The session included discussions on world’s debate dynamics and speech preparation. It also included an interesting mock debate session titled “This house will sacrifice its economy for its

environment”. Two groups were formed from the student participants and the mock session was carried out successfully.



The resource person, faculty members and students at the Workshop on Debating

## Faculty Achievements

Dr Abu Shahid Abdullah, Lecturer has been conferred Doctor of Philosophy (Dr. Phil.) degree by the Faculty of Humanities, Otto-Friedrich University Bamberg, Germany. The title of his dissertation was “Speaking the Unspeakable: Traumatic Experience and Repressed Memory in Magical Realist Novels”.

Ismat Zarin, Assistant Professor has recently been awarded the “Inspiring Green Educator Award 2018,” by the United Nations (UN) at the 2<sup>nd</sup> Green School Conference in association with New York Climate Week held at Wall Street, New York USA, a side event of the UN General Assembly (UNGA) 2018. The award was given to her to recognize her significant contribution in Education through innovation in the context of climate change realities in Bangladesh.

Arpita Haque, Lecturer, has been awarded a prize by the English Department Alumni Society, University of Dhaka for securing the First position in her M.A. in Applied Linguistics and English Language Teaching. The award was given on January 25, 2019 at Teacher Student Centre, Dhaka University.



Rasheda K Chowdhury hands over the prize to Arpita Haque

## Faculty Services to the Academic Community and to the Field, National and International

**Dr Mehnaz Tazeen Choudhury**, Associate Professor

### Member:

- Review Committee, *The Asian Conference on Language Learning* (ACLL2019).
- Editorial/Review Committee, *Shanlax International Journals*, India.

**Ms. Ismat Zarin**, Assistant Professor

### Member:

- European Centre for Research, Training and Development*, UK from 2018 to date.
- Editorial Board, *EAE (Experts of Academic Excellence) Research Centre*, UAE since 2016.
- Editorial Board *ELK Asia Pacific Journal of Social Sciences*, India (ISSN: 2394-9392) from 2015 to date.
- Editorial Board, *Ideal Journal of Education and Policy Studies*, Nigeria (ISSN: 2067-7723) from 2018 to date.
- Advisory Panel, *Evolution360*, an UN-affiliated Community Organization based in Bangladesh working for gender equity from 2018 to date.

## Faculty Capacity Development Initiatives

**Sadia Afrin Shorna, Arpita Haque and Iffat Jahan Suchona**, Lecturers, Department of English attended **"Improving Learning and**

**Teaching Skills (ILTS)"**, a 36 hours faculty training program organized by University of Asia Pacific.



Arpita Haque and Iffat Jahan Suchona receiving certificates from the respected BOT Chairman.



Dr. Abu Shahid Abdullah, presenting a Paper at Universitas Airlangga, Surabaya, Indonesia.



Dr. Iftekharuzzaman, Executive Director, TIB, hands over a crest to Arpita Haque for presenting her paper at the 2nd Assembly on the Futures of Higher Education in Bangladesh, on 29 March, 2019 at Dhaka University



Injamamul Sarwer and Arpita Haque are receiving certificates for paper presentation at BRAC University.

## Adjudicators

Ms. Ismat Zarin, Assistant Professor and Iffat Jahan Suchona, Lecturer, faculty members of the Department of English, were invited to adjudicate at the National Public Speaking Festival- **SPEAK FOR CHANGE**, organized by *Evolution 360* (a UN affiliated youth-led organization) held on March 15, 2019 at the University of Dhaka premises.



Two adjudicators receiving crests of honour from the special guests at the opening ceremony.

The national event was organized to promote changes in the mindset of youth with regard to gender perception through a public speaking contest among secondary, higher secondary and tertiary level students of the country.

## Student Achievements

### Journal Articles

Salauddin, D.M., (2018). A Freudian Psychoanalysis on the Character, Othello. *Research Journal of English Language and Literature (RJELAL)*. 6(3):36-40

Salauddin, D.M., (2018). Saul Bellow's *Seize the day*: A study of Marxist Perspective. *European Journal of English Language and Literature Studies*, 6(8):1-12

### Conference Papers

**Imamul Mottakin & Tasneem Mahmood**, students of the department presented a research paper, "The Romantic and The Gothic" in the 5<sup>th</sup> Inter-University Student Conference and Cultural Completion organized by the Department of English and Humanities, University of Liberal Arts (ULAB), 2019.

## Translations

Rahman, H. (2019) *Time Management* by Brian Tracy. Boi Alooi, 26, Banglabazar, Dhaka-1100.

Islam, S. (2018) *Milk and Honey* by Rs Kaur in Ekhshey Boi Mela, 2018. (Poetry)

Islam, S. (2018) *The power of habit* by Charles Duhiga in Prakasakalah (September-October).

Islam, S. (2018) *Fifty Lessons for Life* by Napoleon Hill in Baibajara Prakasakalah. (October / November).

## Short stories

Islam, S. **Balir Pahar (The Sand's Hill)**. Published in Eid-UI-Fitr supplement of monthly magazine *Shomoyer Janala* in June 2019.

Islam, S. **Sahnur and Two Crows**. Published in Eid-UI-Fitr supplement of the daily *Odhikar* in June 2019.

## Poetry

**Four poems by Imamul Mottakin** published in the daily *Odhikar* on September 15, 2018. <https://www.odhikar.news/literature>

**Three poems by Imamul Mottakin** have been published in the daily *Odhikar* on September 20, 2018. <https://www.odhikar.news/literature>

**Three poems by Imamul Mottakin** published in the daily *Odhikar* on October 15, 2018. <https://www.odhikar.news/literature>

**Two poems by Imamul Mottakin** published in the monthly magazine "Ghungur", no.13, on December 2018.

## Cultural Competition and Awards

**1<sup>st</sup> runner-up**, Tasneem Mahmood (a student of third year) for Instant Story Writing (University Level) at the 4<sup>th</sup> National English Carnival 2018.

**1<sup>st</sup> Runner-up**, Teresa Diana Gomes, Dhaka Christian Chatra Kalyan Shangha, 18<sup>th</sup> October 2018.

**Champion**, The whole Bangladesh **Yes Group** on Anti-corruption two (2) minutes Video

Competition. Team Members: Humaira Rahman Oyshie, Lorin Frankey D'Rozario, Mominul Hossain Abir (2<sup>nd</sup> Year 2<sup>nd</sup> Semester, Dept. of English).

**1<sup>st</sup> Runner-up**, Drama Team of the department in the 5<sup>th</sup> DEH Inter-University Student' Conference and Cultural Competition on 200 years of the Romantic Miraculous Year, organized by the Department of English and Humanities (ULAB), 2019.

**Champion**, Sumaiya Ahmed Jui, a student of 2<sup>nd</sup> year 2<sup>nd</sup> Semester, in the Art & Photography Competition organized by Dept. of CSE, UAP, 2018.

### Departmental Goals for the Next Year

The department plans to organize extra-curricular and co-curricular activities in sync with the department's academic curriculum so that learning takes place through the activities and students can relate the activities to their course contents.

The department will put greater emphasis on creating an academic atmosphere which instils greater confidence in the students to try out both academic and non-academic ventures on their own.

The department is working to improve and streamline the existing curriculum to ensure that students can make the most of their opportunity at UAP to prepare themselves as efficient professionals with greater proficiency in English.

### Publications of Faculty Members

#### A. Peer-reviewed Journal Papers

**Chakraborty, K. & Yeasmin, N.** (2018). Bertha's Intuitive Quest: Recognizing the Feminine Self. *CROSSINGS: A Journal of English Studies*, 9, 26-32.

**Sarwer, I.** (2019). Power as an Identity Determining Factor in *Robinson Crusoe*. *Erothanatos*, 3(1), 106-113.

**Zarin, I.** (2018). Mediating Cross Cultural Barriers in English as a Foreign Language Classroom: A Pilot Study on Teachers. *British Journal of*

*Education*, 6(8), 46-57

**Zarin, I.** (2018). Reviewing the Applicability of Teachers' Code Switching for ELT Classrooms in Bangladesh, *ELT Vibes*, 4(3), 44-60.

#### B. Conference Papers

**Abdullah, A.S.M.** (2019). This is me with Augustine, February 21, 1943: Importance of Photographs in Everything Is Illuminated. *Proceedings of the International Conference on Language Phenomena in Multimodal Communication* (pp. 22-26). Paris: Atlantis Press. DOI:10.2991/klua-18.2018.3.

**Abdullah, A. S. M.** (2019). Mocking depiction of corrupt politicians: magical realism as a means of political satire in NgugiWaThiongo's *Wizard of the Crow*. *5th ASSE International Conference on British and American Studies*, 6-8 June 2019, Vlora, Albania.

**Abdullah, A. S. M.** (2019). Beavis and butt-head': comic and derogatory portrayal of Arabs in *True Lies*. *5th ASSE International Conference on British and American Studies*, 6-8 June 2019, Vlora, Albania.

**Abdullah, A. S. M.** (2019). Disillusionment, estrangement and identity crisis in Andrea Levy's *Fruit of the Lemon*. *8th International Conference on Narrative and Language Studies*, 2-3 May 2019, Trabzon, Turkey.

**Abdullah, A. S. M.** (2019). Magical realism as a social and political protest: a comparative study between *The House of the Spirits* and *Like Water for Chocolate*. *8th International Conference on Narrative and Language Studies*, 2-3 May 2019, Trabzon, Turkey.

**Abdullah, A. S. M.** (2019). From welcoming the war to rebuilding the nation: Walt Whitman's shifting attitude towards Civil War in *Drum-Taps*. *5th International Online Conference on New Dimensions of Philology: Language, Literature, Linguistics, Culture*, 10-16 April 2019, Plock, Poland.

**Abdullah, A. S. M.** (2019). Variations in Middle English local surnames. *5th International Online*

Conference *Philology: Language, Literature, Linguistics, Culture*, 10-16 April 2019, Plock, Poland.

**Abdullah**, A. S. M. (2019). Accounts of apartheid's bloody past and psychological damage in Zoë Wicomb's *David's Story*. *International Conference on Performing the Nation: Memory and Desire in Contemporary Literature*, 8-9 February 2019, Odisha, India.

**Abdullah**, A. S. M. (2019). Sexuality, eroticism and language in *One Thousand and One Nights*. *International Conference on Asian Linguistic Anthropology (CALA)*, 23-26 January 2019, Siem Reap, Cambodia.

**Abdullah**, A. S. M. (2019). Magical realism and the voices of the marginalised in Salman Rushdie's *Midnight's Children*. *International Conference on Asian Linguistic Anthropology*, 23-26 January 2019, Siem Reap, Cambodia.

**Abdullah**, A. S. M. (2018). Exploitation and alienation of migrant workers in a capitalist society: a Marxist interpretation of John Steinbeck's *Of Mice and Men*. *International Conference on Language, Literature, Culture and Politics: Celebrating the Bicentenary of Karl Marx's Birth*, 30 November – 1 December 2018, Dhaka, Bangladesh.

**Abdullah**, A. S. M. (2018). Female voices in fairy tales: a weapon to fight oppressive forces. *14th International Conference on Humanities & Social Sciences*, 22-23 November, 2018, KhonKaen, Thailand.

**Abdullah**, A. S. M. (2018). The American paradox: discovering America and the Filipino immigrant dream in Carlos Bulosan's *America is in the Heart* and Bienvenido Santos' *What the Hell for You Left Your Heart in San Francisco*. *2nd International Conference on Multidisciplinary Filipino Studies*, 16-18 November 2018, Cavite, The Philippines.

**Abdullah**, A. S. M. (2018). Sense of emptiness and longing for anchor: diverse consequences of colonisation and immigration in Nick Joaquin's *The Woman Who Had Two Navels*. *2nd International*

*Conference on Multidisciplinary Filipino Studies*, 16-18 November 2018, Cavite, The Philippines.

**Abdullah**, A. S. M. (2018). Post-9/11 backlash and resulting disillusionment in *The Reluctant Fundamentalist* and *Once in a Promised Land*. *International Conference on Literature: Contemporary Perspectives on/in Postcolonial and Diasporic Literature and Theory*, 25-26 July 2018, Penang, Malaysia.

**Abdullah**, A. S. M. (2018). Heavy silence and horrible grief: Joseph Skibell's *A Blessing on the Moon*. *International Conference on Literature: Contemporary Perspectives on/in Postcolonial and Diasporic Literature and Theory*, 25-26 July 2018, Penang, Malaysia.

**Ara**, A. & Shorna, S. A. (2018). The role of instructional strategies in vocabulary teaching: a comparative study of visual and cognitive strategies. *10th Malaysia International Conference on Language Literature and Cultures*, 14-16 August 2018, Melaka, Malaysia.

Haque, A. & **Sarwer**, I. (2019). Investigating research facilities for teachers in Bangladeshi private universities. *2nd Assembly on the Futures of Higher Education in Bangladesh*, 29 March, 2019, Dhaka, Bangladesh.

**Zarin**, I. (2018). Using adaptation projects in teaching EFL writing: a pilot study. *ENH Conference, Rethinking Disciplinary Diversity: Challenges of Teaching English in the 21st Century*, 15-16 November 2018, Dhaka, Bangladesh.

### C. Peer-reviewed Book Chapters

**Zarin**, I. (2019). Promoting Critical Thinking in the Tasks and Assessment of Writing: A Small Scale Research Report. In Aneta, D. & Pietrzak, D. (Eds.) *New Dimensions of Philology* (pp. 190-198). Plock, Poland: Graduate School in Plock (Panstwowa Wyższa Szkoła Zawodowa W Plocku).

**Choudhury**, M. (2018). Lessons 8, 26 & 37. In Anand, M., Kumar, A. & Nanda, S. (Eds.). *Classroom Tasks in English: A Resource Book for multilingual Teaching*. Delhi: Viva Books Private Limited. ISBN 978-93-88386-84-5.

## Department of Law and Human Rights



### Vision

To emerge as a center of excellence in legal education at home and in the region.

### Mission

To provide comprehensive legal education through rigorous classroom instruction and practical training in a supportive, dynamic and innovative learning environment with a view to enabling them to think independently and creatively, reason critically, act with compassion and respect others, while expressing themselves cogently and thereby preparing them as competent legal professionals to suit the needs of a dynamic world imbued with the spirit of public service and dedicated to pursue the highest ideals of law, justice and universal human rights.

### Offered Programs

Established in 2005, the Department offers both undergraduate and graduate programs in law. Minimum 4 years is required to complete LLB (Honors) program and 1 year to complete LLM (Regular) program. Students pursuing LLB (Honors) degree must go through a rigorous requirement of 144 credit hours and 33 credit hours for the LLM degree. The Department follows semester system– two semesters in a year (Spring and Fall). Spring semester starts in April and Fall semester starts in August.

### Program Objectives

The objectives of the programs are to produce legal professionals with sound academic background and intellectual ability so that they can apply the acquired knowledge correctly in meeting challenges of the future; to train them up in the fundamentals of information communication technology so that they can utilize it and develop their legal skills through greater access to global legal phenomenon; and to produce highly skilled and morally sensitive professional leadership in the field of law.

### Department In-take Capacity and Admission

As per the ceiling of the University Grants Commission and Bangladesh Bar Council, the Department can admit 50 students in LLB (Honors) Program per semester. The Department usually admits 30 students in LLM (Regular) Program in each semester. The students, who seeks admission in LLB (Honours) Program, are required to go through a competitive admission test process- appear in written exam, after passing written exam, followed by an oral interview with the faculty members of the Department.

Eligibility for applying admission in LLB (Honours) Program is GPA 6, SSC and HSC combined. Applications for admission are invited through UAP website. Admission of 50 students per semester allows optimum utilization of the

teaching and research potential of its faculty members for the benefit of the students.

## Facilities and Faculty Members

### Facilities

The layout, design and decor of the classroom have a significant effect on the quality of education. Keeping this in mind, the Department has designed classrooms with multimedia projector to provide a safe space for uninterrupted learning. All of the classrooms are air conditioned and well-equipped with updated educational facilities like multimedia projector coupled white board.

The department has a well-equipped Computer Lab. The Department maintains a seminar library containing text books, reference books, journals, periodicals on law and human rights in its collection.

The library archives a large number of thesis paper and project reports which are also available for students willing to take part in research in future. The department has always maintained an independent library, which contains The Library has a good collection of books; it subscribes a number of daily newspapers and international magazines for the benefits of students. The UAP Central library provides additional books.

To experience the court processes, the Department has a well-furnished moot court lab. The lab is used for students practice pleading in the courtroom setting under direct supervision of judges and practicing lawyers. The simulation practice helps the students to develop their lawyering skills and also to prepare them for the participation in the national, regional and international moot court competitions including Henry Dunant Moot Court Competition, Philip Jessup International Moot Court Competition and Asia International Law Moot Court Competition.

### Faculty Members

The Department takes pride in its outstanding and exceptionally rich faculty profile. At present, 15 full time and 12 adjunct faculty

members are teaching our students. The faculty members consist of renowned academics and distinguished members of both bar and bench. This combination of young and energetic faculty members with experienced bar and bench members makes the department more vibrant and most importantly better learning place for the students.

The highly notable personalities in the faculty are: Mr. Justice Md. Abdul Wahhab Miah, former Acting Chief Justice of Bangladesh, Professor Dr. Mizanur Rahman, former Chairman, National Human Rights Commission, Bangladesh, Dr. Shahdeen Malik, Advocate, Supreme Court of Bangladesh and Honorary Director, Bangladesh Institute of Law and International Affairs (BILIA), and Syeda Rizwana Hasan, Advocate, Supreme Court of Bangladesh and Chief Executive, Bangladesh Environmental Lawyers Association.

In total, more than 25, both full-time and part-time combined, keep young law students engaged in acquiring excellence in in-class learning, experiencing moot court practices and researching law literature.

### Faculty Members

#### Mr. Salahuddin Ahmad

Director, School of Law  
Former Attorney General of Bangladesh  
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#### Mr. Md. Asaduzzaman

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Visiting Scholar, Kansai University, Japan (2018)  
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**Adjunct Faculty Members****Mr. Justice Md. Abdul Wahhab Miah**

Former Acting Chief Justice of Bangladesh

**Dr Md. Mizanur Rahman**

Professor, Faculty of Law, University of Dhaka  
Former Chairman, National Human Rights  
Commission, Bangladesh

**Dr Shahdeen Malik**

Advocate, Supreme Court of Bangladesh  
Honorary Director, Bangladesh Institute of Law  
and International Affairs

**Dr Jamila A. Chowdhury**

Professor, Faculty of Law  
University of Dhaka

**Ms. Syeda Rizwana Hasan**

Advocate, Supreme Court of Bangladesh  
Chief Executive, Bangladesh Environmental  
Lawyers Association

**Mr. Quazi Mahfujul Hoque Supan**

Associate Professor, Faculty of Law  
University of Dhaka

**Barrister Sara Hossain**

Advocate, Supreme Court of Bangladesh  
Honorary Executive Director, Bangladesh  
Legal Aid and Services Trust (BLAST)

**Dr Md. Mahbubur Rahman**

Associate Professor, Faculty of Law  
University of Dhaka

**Barrister A.K.M. Rabiul Hasan**

Advocate, Supreme Court of Bangladesh  
Member, Legal Education Committee  
Bangladesh Bar Council

**Mr. Md. Muajjem Hussain**

Joint District & Sessions Judge  
Bangladesh Judicial Service

**Mr. Sakinder Zulker Nayeem**

Joint District & Sessions Judge  
Bangladesh Judicial Service

**Mr. Shaikh Md. Mujahid Ul Islam**

Joint District & Sessions Judge  
Bangladesh Judicial Service

**Areas of Strength and Best Practices**

The Department of Law and Human Rights provides participatory and pragmatic way of teaching to the students. The students gain hands-on legal training through debate, moot court, court visit, clinical and trial skills programs. The Department has taken initiative to serve the people through community outreach program and prison outreach program under its Legal Aid Clinic supervised by competent lawyers and faculty members. This initiative has enabled the students to provide legal aid services to poor and needy people and engage themselves in experiential learning in the real field of law. Our students also involve in various kinds of research and writings on contemporary legal issues to boost up their scholarly endeavors. The academic collaboration of the Department with UNESCO Madanjeet Singh South Asian Institute of Advanced Legal and Human Rights Studies (UMSAILS) has placed the department in a unique position in the south Asian region through offering LL.M. Program for the students of SAARC countries with fully funded scholarship. The Department is headed by Mr. Md. Asaduzzaman who has more than 20 years of experience in law practice, legal consultancy, teaching, research and academic administration

at both public and private universities in Bangladesh. Kansai University, Japan invited him as a visiting scholar in 2018 where he conducted joint research with Japanese Professor and delivered lecture to the Japanese students of Kansai University.

The Department is unique for its strengths in the competent faculty members comprising of renowned professors, reputed lawyers and eminent judges including Mr. Justice Md. Abdul Wahhab Miah, Former Acting Chief Justice of Bangladesh, Mr. Salahuddin Ahmad, Former Attorney General for Bangladesh, Professor Dr Md. Mizanur Rahman, Former Chairman, National Human Rights Commission, Bangladesh, Dr Shahdeen Malik, Honorary Director, Bangladesh Institute of Law and International Affairs (BILIA), Barrister Sara Hossain, Honorary Executive Director, Bangladesh Legal Aid and Services Trust (BLAST) and Ms. Syeda Rizwana Hasan, Chief Executive, Bangladesh Environmental Lawyers Association (BELA). The Department regularly invites legal scholars and eminent members of bench and bar to deliver lectures and key note papers to its students and faculty members. The notable speakers were Mr. Justice Mohammad Abdul Matin, Mr. Justice Md. Tafazzul Islam, Mr. Justice S. K. Shinha, Mr. Justice Refaat Ahmed, Dr Kamal Hossain, Mr. Mahmudul Islam, A. F. Hassan Ariff, Barrister M. Amir-Ul Islam, Dr Shamsul Bari, Barrister Rokanuddin Mahmud and Professor Dr Rafiqul Islam, Macquarie University, Australia.

The Department's method of teaching students is participatory and pragmatic. The Department pursues a trial skills program and focuses on giving students skills of conducting cases as they get membership with the Bar. The students are given hands-on legal training through legal debate, moot court, court visit, clinical practice to gain trial skills.

The Department's initiative to reach out through Legal Aid Clinic to community and prison with legal awareness education services shall add further value to the graduates. This initiative shall enable the students to provide legal aid

services to poor and needy people and engage themselves in experiential learning in the real field of law.

Our students involve themselves in various kinds of research and writings on contemporary legal issues to boost up their scholarly endeavors. The Department's MOU for academic collaboration with UNESCO Madanjeet Singh South Asian Institute of Advanced Legal and Human Rights Studies (UMSAILS) for offering LL.M. Program to the students of SAARC countries with fully funded scholarship has placed the department in a unique position in the South Asian region.

### Achievements of the Department

In Fall 2018 and in Spring 2019, 95 students – 33 female and 62 male took admission in the LLB (Honors) program; and 12 students -- 5 male and 7 female students took admission in LLM (Regular) program.

In Fall, the department had 273 students – 91 female and 182 male studied in LLB (Honours) program. 26 students – 15 male and 11 female studied in LLM (Regular) Program. In Spring, 2019, the total number of students were 280 -- 205 male and 75 female in LLB (Honours) program and 34 students - 22 male and 12 female in LLM (Regular) Program.

In this fiscal year July-2018 to June-2019 a total of 27 students have achieved their LLB (Honours) Degree and 8 students have obtained LLM Degree from the Department. In Spring-2018, 18 students -- 10 Male and 8 Female have been awarded Vice Chancellor's Award students -- 7 (5 male and 2 female received Dean's Award. Ms. JarinTasnim a student of the Department is selected for UAP Vice-Chancellor's Gold Medal to be awarded at the 9<sup>th</sup> Convocation of UAP



Vice Chancellor's Award and Dean's Award.

### Bar Enrollment

During the year, eighty five UAP Law Alumni have been enrolled in the Bangladesh Bar Council as Advocates of the District Bar Associations of Bangladesh and ten enrolled in the High Court Division of the Supreme Court of Bangladesh.

The two most significant achievements of the Department is its establishing an International collaboration for legal education and receiving "Best Mooter" award in International Moot Court Competition 2018 held in July 2018 at Eastern University, Dhaka.

### International Collaboration

UAP has signed a MoU with UNESCO Madanjeet Singh South Asian Institute of Advanced Legal and Human Rights Studies (UMSAILS) on 28 April 2019. Under the MOU, the Department shall accept 16 students to pursue one year LL.M. program at the Department of Law and Human Rights with scholarship from (UMSAILS).



Memorandum of Understanding (MoU) signed between UAP and UMSAILS on 28 April 2019

UMSAILS is governed by a Board of Members consisting of Dr. Kamal Hossain, Senior Advocate, Supreme Court of Bangladesh, National Professor Dr. Jamilur Reza Choudhury, Vice-Chancellor, UAP, Sir Fazle Hasan Abed KCMG, Founder and Chairperson of BRAC, Dr. Shamsul Bari, Chairman, Research Initiatives, Bangladesh (RIB), Salahuddin Ahmad, Former Attorney General for Bangladesh and Dr. Sharif Bhuiyan, Advocate, Supreme Court of Bangladesh. Mr. Sarwar R. Chowdhury, Registrar, UAP and Dr. Sharif Bhuiyan, Member, Board of Directors, SAILS signed the MoU on behalf their respective institutes. Each year, a number of 16 (sixteen) international students from all SAARC countries can pursue one year LL.M. program at the Department of Law and Human Rights (L&HR) of UAP under the MoU. Among others, National Prof. Dr. Jamilur Reza Choudhury, Vice Chancellor, UAP, Prof. Dr. M. R. Kabir, Pro Vice Chancellor, UAP, Air Cdre (Retd.) Ishfaq Ilahi Choudhury, Treasurer, UAP, Mr. Salahuddin Ahmad, Director, School of Law, UAP, Mr. Md. Asaduzzaman, Head, Department of Law & Human Rights and Dr. Chowdhury Ishrak Ahmed Siddiky, Adviser, LLM Program were present in the signing ceremony.

### Best Mooter Award

A team from UAP Moot Court Club (UAPMCC) successfully participated in the "International Environmental Law Moot Court Competition 2018" jointly organized by Eastern University and SED Foundation from 12 to 14 July 2018. S. M. Morsalin Hider, a student of Fall 2018 semester from UAP Department of L&HR achieved the "Best Mooter" award among

40 mooters from 20 other private and public universities.



The UAP team got Memorial Award and ranked 5<sup>th</sup> position among 20 other private and public universities that participated in the competition. The UAP team consisting of S.M Morsalin Hider, Forhad Hossain and Sadia Karim was coached by Muhammad Rezaur Rahman, Assistant Professor and Nusrat Jahan, Lecturer, Department of law and Human Rights.

Mr. Justice Syed Refaat Ahmed, Mr. Justice Zubayer Rahman Chowdhury, Ms. Syeda Rizwana Hasan, Chief Executive, BELA and other distinguished dignitaries of legal profession of the country were present at the competition.

### Co-curricular Activities

#### Law Career Seminar

The Department organized a seminar on Law Career at Auditorium. Justice AFM Abdur Rahman, former Justice of the High Court Division of the Supreme Court of Bangladesh and Mr. Sayed Jahed Monsur, District Judge and Secretary of the Bangladesh Judicial Service Commission were present as the Chief Guest and the Special Guest, respectively. The purpose of the seminar was to create awareness among the law students on so many various career options available for law graduates and their unique requirements to pursue a successful career in the chosen field of Law, particularly in the Judicial Service of Bangladesh.



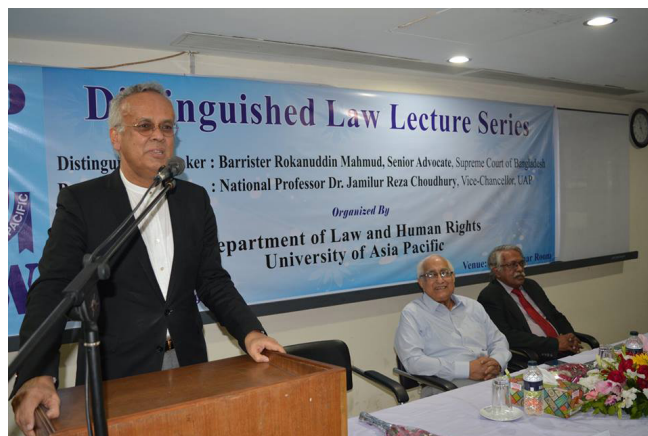
Law Career Seminar 2019

## Distinguished Law Lecture Series

"Distinguished Law Lecture Series" is a regular program for the Department. Each Semester the Department arranges law lecture on specific legal issues. Renowned specialists on specific legal issues are invited to conduct the program. These lecture series play a paramount role in promoting practical, analytical and contemporary legal knowledge. On April 17, 2019 the Department has organized its 10<sup>th</sup> Law Lecture Series. Barrister Rakanuddin Mahmud, Senior Advocate, Supreme Court of Bangladesh was the Distinguished Speaker on that day. The program was chaired by National Prof. Dr. Jamilur Reza Choudhury, Vice-Chancellor, University of Asia Pacific.

The notable speakers of the Lecture Series

were Dr. Kamal Hossain, Senior Advocate, Supreme Court of Bangladesh, Mr. Justice S. K. Shinha, Former Chief Justice of Bangladesh, Mr. Mahmudul Islam, Senior Advocate, Supreme Court of Bangladesh, A. F. Hassan Ariff, Senior Advocate, Supreme Court of Bangladesh, Dr. Justice Refaat Ahmed, Honorable Justice of the Supreme Court of Bangladesh, Barrister M. Amir-Ul Islam, Senior Advocate, Supreme Court of Bangladesh, Dr. Shamsul Bari, Chairman of Research Initiatives, Bangladesh, Mr. Justice Mohammad Abdul Matin, Former Justice of the Supreme Court of Bangladesh, Mr. Justice Md. Tafazzul Islam, Former Chief Justice of the Supreme Court of Bangladesh and Barrister Rakanuddin Mahmud, Senior Advocate, Supreme Court of Bangladesh.

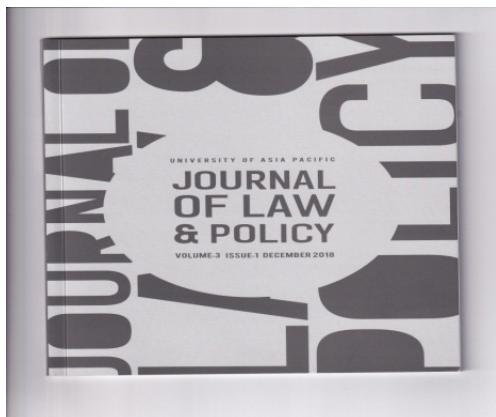
10<sup>th</sup> Distinguished Law Lecture Series

## Law Journal

The Department publishes a peer-reviewed Law Journal on a regular basis titled "UAP Journal of Law and Policy". This Journal contains quality write-ups by renowned scholars from home and abroad

The Department published the 3<sup>rd</sup> Volume, Issue 1 of its Law Journal titled "University of Asia Pacific Journal of Law and Policy" in December 2018. Professor Werner Menski of School of Oriental and African Studies (SOAS) University, London, is a regular contributor of the journal. He spoke very high of the quality of the journal and commented

that “the journal is of international standard”.



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## Club Activities

The Department has 17 students clubs. These clubs organize different events in each academic semester. Each club functions through a working body consisting of faculty members, president, general secretary of the Club and other student member of the department. The most dynamic clubs in the department include the following:

### Moot Court Club

Mooting is an art. Mooting helps a law student to become a better lawyer in future. Considering this proposition, the UAP Moot Court Club arranges regular workshops and competitions in each semester. These arrangements are basically for the students of 1<sup>st</sup> semester to 8<sup>th</sup> semester. Undoubtedly, Mooting privileges a better way to learn, interpret law and delivers a holistic approach to learning law. UAP Moot Court Club having an individual Moot Court Lab provides this opportunity to the students throughout the year.

The Moot Court Club of the Department participated in the 3<sup>rd</sup> Philip C. Jessup International Law Moot Court Competition, 2019 held at Independent University of Bangladesh (IUB) during February 21 to 23, 2019. The Department was selected as quarter finalist.

During 5 to 6 April 2019, two Moot Court Teams of the Department participated in the 1<sup>st</sup> NILS-LWM International Humanitarian Law Moot Court Competition, 2019 held at the Liberation War

Museum, Dhaka, Bangladesh. The Department achieved 10<sup>th</sup> and 11<sup>th</sup> position.

The Moot Court Club of the Department organized 3<sup>rd</sup> Intra- Department Moot Court Competition, 2019 from 26 to 27 April 2019. The competition was held at City campus of UAP. A number of total 16 teams participated in the competition. The students of the 1<sup>st</sup> year 1<sup>st</sup> semester, Spring 2019 became the Champion beating the 2<sup>nd</sup> Year 1<sup>st</sup> semester.



(a)



(b)

(a) Winners of 3<sup>rd</sup> Intra Department Moot Court Competition, 2019, (b) Three Mooters and One Faculty Member at the Third Bangladesh National Round of the Philip C. Jessup International Law Moot Court Competition

### Debating Club

Law Debating Club regularly arranges debates in the middle of each semester. Students get involved in debate to develop their skill, intelligence, problem solving capacity and sharpen their quick thinking. Each year the students of participate in competitions at national and different university

level debates. Debate competitions organized by different halls of University of Dhaka, Inter-University Debate Competitions, competitions organized by BTV and ATN are the ones in which our teams participate on a regular basis.

The Department Debating Club named as “UAP Law Orators” organized a half-day ‘Workshop on Parliamentary Forms of Debate’ on 19 July 2018. The Workshop was conducted by S M Sobhany Saurav, Assistant General Secretary, Bangladesh Debate Federation (BDF) and Zehad Al Mehedi, Joint Secretary, Bangladesh Debate Federation (BDF).

“UAP Law Orators” organized an ‘Inter Semester Debate Competition, in Spring-2018 from July 24 to 28, 2018. The competition was held at UAP City campus. A number of total 12 teams participated in the competition. The students of 4<sup>th</sup> semester (23<sup>rd</sup> Batch) became the Champion beating 5<sup>th</sup> semester (22<sup>nd</sup> Batch) in the Finals. The theme of the competition was “Government, Politics and Human Rights”.

“UAP Law Orators” also organized a Victory Day Friendly Debate Competition on 19 December 2019. Two teams formed by students from different semesters participated in the competition.

## Cultural Club

The club is one of the most active clubs in the Department. This club is responsible for arranging various cultural events within the department and participating in the Central Cultural Club activities of the University. One of the significant cultural activities that the Department holds every year is the Pitha Utshabs. Since the last few semesters the members of the cultural club holds a fresher’s reception and a farewell program in the Department. The lively performance of the members of the club welcomes the new students to the Department in a fear-free way so that they have the courage to go ahead with the help of their seniors and make a life-long bond with them.

The Cultural Club organized ‘Fresher’s Reception

and Farewell, to final year students, both in Fall 2018 and Spring- 2019 at UAP City campus.



(a)



(b)

(a) Cultural Program &  
(b) Farewell of 20th Batch of LLB (Honours) Program

## Sports and Recreations

The Sports Club of the Department organized the Inter-Semester Sports Competition where both indoor and outdoor sports competitions were held. The students spontaneously participated in sports competitions. The Sports Club organized a Football competition on in the BG Press Play Ground, Tejgaon, Dhaka. Both male and female students of the Department participated in the football competition. Carom, chess, and table tennis competition were also organized by the Departmental sports club as part of the indoor Sports competitions. The final round of the indoor sports competition was held on May 5, 2019 in the Games Room of the University City Campus. The prize-giving ceremony of the inter-Semester Sports Competition is proposed to be

held on July 28, 2019 when the Law Festival of the Department will be held.



Annual Picnic, 2019



UAP LAW & HR Cricket Team

## Study Tour

The Department organized a study tour for the students of 4<sup>th</sup> year 2<sup>nd</sup> semester, who will soon enter into the legal arena. The study tour included a day long court visit to Bandarban District and Sessions Judge Court on December 2018, Cox's Bazar District and Sessions Judge Court in December 2018. The purpose of such visit is to provide knowledge of practical aspect of court procedure in to the students. The students observed how trial is conducted in lower court in Bangladesh.

## Court Visit

Court visit is one of the co-curricular activities which gives the students an opportunity to have the practical knowledge of Judicial Proceeding

in Bangladesh. In Fall-2018 the students experienced the court visits as a part of academic excellence and quality legal education of the Department.

The Department's annual picnic is an event of joy, in each all the enrolled students of the department participate in the annual picnic. In January 2019 more than 300 students, faculty members and staff of the Department went to a picnic at Shohag Polli, Gazipur, Dhaka.



L&HR Students in front of Bandarban & Cox's Bazar District & Session Judge Court



Mock Trial at the Department Moot Court Lab

In June 2019, 30 students of the Department along with the faculty members visited the National Legal Aid Services Organization Bangladesh. Mr. Md. Aminul Islam, Director of National Legal Aid Services Organization introduced the students with the activities of the National Legal Aid Services Organization, appreciated the various activities of the Department particularly the initiative of UAP Legal Aid Clinic and expressed his willingness to support UAP Legal Aid Clinic.

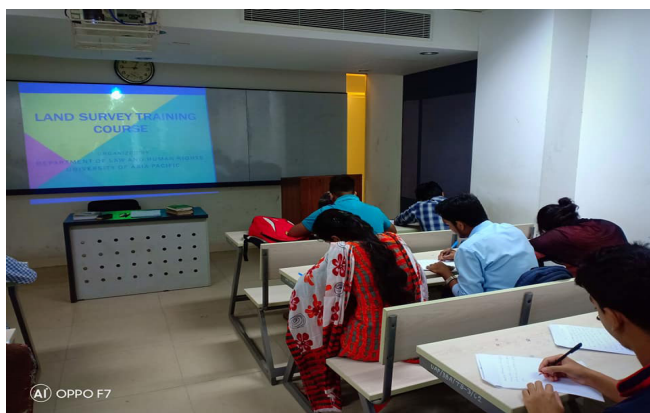
The students came back from the visit with a tremendous academic learning under the guidance of the Department faculty members - Mr. Md. Asaduzzaman, Head of the Department along with Mr. Md. Lokman Hussain and Mr. Md. Saleh Akram.



Students visited National Legal Aid Services Organization Bangladesh

## Professional Skills Development

The Department organizes training in Bar Vocational and Land Survey for professional skills development of the students to make them competent in the law profession.



Land Survey Training Program

## Training Attended

**Hussain, M. L.** (2018) attended 'Train the Trainers Program on Environmental Law and Climate Change' -- a 4-day environmental law teaching program held in Kathmandu, Nepal from 23 to 26 November 2018. The program was offered by the Asian Development Bank (ADB), in

conjunction with IUCN Academy of Environmental Law (IUCN Academy) and Tribhuvan University.

**Akram, M. S.** (2018), attended a Training on 'Teaching for Active Learning (TAL batch 5)' organized by Foundation for Learning, Teaching and Research (fLTR) held from August 30 to September 01, 2018 held at Ahsanullah University of Science & Technology.

**Nahar, A.** (2018) attended a Training on "Analytical and Empirical Research on Education and Culture: Challenges & Prospects of Bangladesh toward Achieving UN Sustainable Development Goals" organized by BIIT (Bangladesh Institute of Islamic Thought), held on 5 July 2018.

**Nahar, A.** (2018) completed an online Course on 'Human Research, Social/Behavioral/Educational Researchers, Stage-1' conducted by Collaborative Institutional Training Initiative (CITI Program) under the requirement set by International Institute of Islamic Thought (IIIT).

**Nahar, A.** (2019) attended Training on "Improving Learning and Teaching Skill" organized by University of Asia Pacific, held on 21-29 March, 2019.

**Farzana, A.** (2019) attended Training on "Improving Learning and Teaching Skill" organized by University of Asia Pacific, held on 21-29 March, 2019.

## Workshop Attended

**Nahar, A.** (2019) attended a workshop on 'Research Methodology' organized by IIUM (International Islamic University of Malaysia) Press and BIIT (Bangladesh Institute of Islamic Thought), held in Dhaka on 8-9 March 2019

**Nahar, A.** (2018) attended a workshop on "Analytical and Empirical Research on Education and Culture: Challenges & Prospects of Bangladesh toward Achieving UN Sustainable Development Goals" organized by BIIT (Bangladesh Institute of Islamic Thought), held on 5 July 2018.

## Dialogue Attended

**Akram, M. S.** (2019) attended a Dialogue on 'Engaging with the ICC on the Rohingya Situation: Opportunities and Challenges for Lawyers and Civil Society in Bangladesh' organized by Bangladesh Legal Aid and Services Trust and Doughty Street Chambers held on 12<sup>th</sup> June 2019 at Conference Room, Bishwo ShahittoKendro, Dhaka.

## Student Achievement

**S. M. Morsalin Hider**, a LLM student got the Best Mooter Award in "International Environmental Law Moot Court Competition, 2018" held at Eastern University, Dhaka.

## Professional Leadership of Alumnus

**Tanvir Ahmed Sajib**, a graduate of the Department is elected as an Executive Member (2019-2020) of Dhaka Bar Association.

## Alumni Achievement

During the year, 85 Law Alumni got enrolled in the Bangladesh Bar Council as advocates of the District Bar Association of Bangladesh, and 10 got enrolled in the High Court Division of the Supreme Court of Bangladesh.

## Department Goals for the Next Year

The long term goal of the Department of Law and Human Rights is to place itself among the top law schools in Bangladesh by the year 2021. In order to realize long vision, the Department has set a program to achieve the following goals for the academic year of 2019-20:

- Implement MoU with UNESCO Madanjeet Singh South Asian Institute of Advanced Legal and Human Rights Studies (UMSAILS) to offer LLM program to the students from SAARC countries;
- Strengthen research capabilities and contribute to justice system and relief people from suffering;
- Strengthen participation of the students in

co-curricular activities especially in national and international moot court competitions;

- Increase court visit program to gain practical legal knowledge and skills;
- Establish contact with law schools of South Asian countries and explore mutual learning.
- Connect the Department with the community with legal education and services - undertake community reach out program for legal awareness program and outreach program to prison to provide who desperately need legal services; collaborate with National Legal Aid Services Organization to provide free legal services to the poor people.

## Publications of Faculty Members

### Peer-reviewed Journal Papers

**Hossain, M. S.** (2018). An analysis of the Supply Chain principle for the UK's Overseas Companies: the practice of Tort law under International Corporate Law. *International Journal of Law and Management Emerald Publications*, 60(6), 470-477.

**Hossain, M. S.** (2018). Social Media and Terrorism: Threats and Challenges to the Modern Era. *South Asian Survey*, 22(2), 136 – 155.

**Hussain, M. L.** (2018). Consumer Related Aspects of Intellectual Property. *UAP Journal of Law and Policy*, 3(1), 31-55.

**Rahim, M. A.** (2018). Alternative sanctions to convicted offenders in criminal justice system in Bangladesh focusing on probation and parole: a lesson from India, *Amity International Journal of Juridical Sciences*, 4(1), 4-19.

**Saqi, A. B.** (2018). The Strategy of Warfare and Its Non-Humanitarian Side: A Critical Analysis of Using Autonomous Weapons (AWS). *ELCOP Year Book on Human Rights*, 19(1), 151-164.

**Wahab, N.** (2018). Online Shopping and Consumer Rights Protection within Bangladesh: A Review of Current Laws and Regulations. *South Asian Law Review Journal*, 3(1), 253-273.

## Department of Pharmacy



### Vision

The vision of the Department of Pharmacy is to be the preeminent institution in pharmacy education, research and practice where graduates are prepared to lead in pharmaceutical industry, academia and allied sectors at home and abroad.

### Mission

The mission of the Department is to develop competent professionals, scientists and academicians by providing the highest quality educational experience. The department fosters a learning-centered, research-oriented and professionally motivated educational environment that encourages individuals to make positive contributions to the health sector. It cultivates relationships with the key stakeholders to meet the changing needs and shape of the evolving health care system. The

department achieves its mission by striving for excellence in education, service and research, all directed towards enhancing health and the quality of life of people.

### Academic Programs

UAP launched 4 years Bachelor of Pharmacy (B. Pharm) program in 1996. UAP is a pioneer in launching 1 year Master of Science in Pharmaceutical Technology (MS Pharm Tech) program. The syllabuses are approved by the UCG and accredited by Pharmacy Council of Bangladesh.

The Department of Pharmacy is one of the most enlightened and established departments of the university as well as in the country. Following a bi-semester system, the B. Pharm program requires minimum 8 semesters to prepare students to become pharmacists while the MS Pharm Tech program requires minimum 2 semesters to

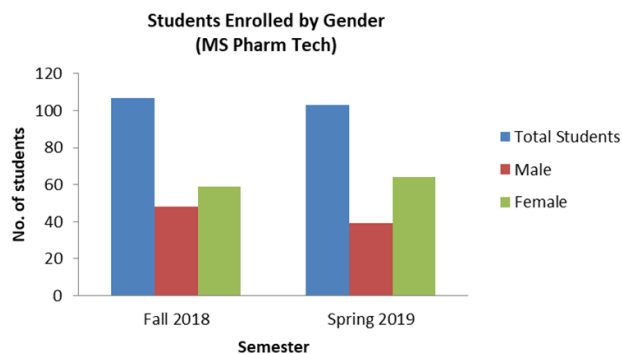
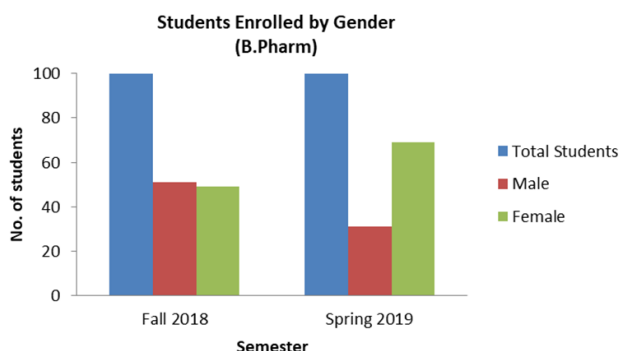
instruct and train the graduate pharmacists for working as integrated team members of health-care system.

## In-take Capacity and Admission

The department admits 100 students in the undergraduate and 100 students in the graduate program in each of the two semesters in a year. From its inception in 1996 with only 6 students enrolled in B. Pharm program it has expanded in 2018 to 100 enrollment.

Students having an overall GPA of 8 in SSC and H.S.C combined are eligible to apply for admission in the undergraduate program. All the applicants have to excel both in a competitive written test and an oral interview before being selected for admission. In Spring 2018, for the B. Pharm program 743 students applied for admission and out of them only 100 were finally selected for admission after rigorous screening.

The admission trend in MS Pharm Tech program is similar like B. Pharm; back in 2003 when the graduate program was first introduced, only 15 students were admitted; now the admission to program has remarkably reached to 100 in 2018. Only the applicants who have a B. Pharm degree from an accredited institution are selected for MS Pharm Tech admission. In Spring 2018 semester 100 candidates were selected for the MS Pharm Tech program from among 182 students who graduated from universities, such as, NSU, EWU, USTC, Brac University, Southeast University, Northern University, Gono Bishwabidyalay, and the like.



## Faculty Members

The Department of Pharmacy is very proud of its passionate, enthusiastic, and highly qualified faculty team which includes 27 full-time, 4 inter-departmental and 16 part-time faculty members. The full-time faculty members are expert academicians and researchers from renowned universities at home and abroad, such as, Dhaka University, Jahangirnagar University and University of Leicester and University of Nottingham, UK ; Kanazawa University and Niigata University, Japan; China Pharmaceutical University, China. They all have extensive knowledge and experience in their respective areas of specialization. They are harmonized by highly competent part-time faculty members from University of Dhaka and different pharmaceutical industries, such as, Sanofi Bangladesh, Aristopharma Limited, Renata Pharmaceuticals Limited, and the like.

## Faculty Members

### Dr. Mohiuddin Ahmed Bhuiyan

Professor & Head, until April 30, 2019  
PhD (Japan), M. Pharm and B. Pharm. (DU)

### Dr. Swarnali Islam Khandaker

Professor, Head, from May 1, 2019  
PhD, M. Pharm and B. Pharm (DU)

### Dr. Sardar Mohammad Ashraful Islam

Professor, Coordinator, MS Pharm Tech  
PhD, M. Pharm and B. Pharm (DU)

**Mohammad Shahriar**

Associate Professor  
MS Pharm Tech and B. Pharm (UAP)

**Dr. Irin Dewan**

Associate Professor  
PhD (JU), MS Pharm Tech and B. Pharm (UAP)

**Dr. Zabun Nahar**

Associate Professor  
PhD, M. Pharm and B. Pharm (DU)

**Dr. Md. Ahsanul Haque**

Assistant Professor  
PhD (Japan), M. Pharm and B. Pharm. (DU)

**Dr. Md. Rabiul Islam**

Assistant Professor  
PhD (DU), M. Pharm and B. Pharm (DU)

**Dr. Zahid Sadek Chowdhury**

Assistant Professor  
PhD (Japan), M. Pharm and B. Pharm (DU)

**Md. Asaduzzaman**

Assistant Professor  
M. Pharm and B. Pharm (DU)

**Waheeda Nasreen**

Assistant Professor  
Masters in Research (UK), B. Pharm (UAP)

**Mahjabeen Gazi**

Assistant Professor  
MS Pharm Tech and B. Pharm (UAP)

**Sayeeda Fahmee Chowdhury**

Assistant Professor  
MS Pharm Tech and B. Pharm (UAP)

**Kanij Nahar Deepa**

Assistant Professor  
M. Pharm and B. Pharm (DU)

**Md. Hamiduzzaman**

Assistant Professor  
M. Pharm. and B. Pharm (DU)

**Sadia Noor**

Assistant Professor  
M. Pharm and B. Pharm (DU)

**Samia Shabnaz**

Assistant Professor  
M. Pharm and B. Pharm (DU)

**A.H.M. Nazmul Hasan**

Assistant Professor  
M. Pharm and B. Pharm (JU)

**Fayad Bin Abdus Salam**

Assistant Professor  
M. Pharm and B. Pharm (DU)

**Kaniz Afroz Tanni**

Lecturer  
M. Pharm and B. Pharm (DU)

**Ishrat Jahan**

Lecturer  
M. Pharm and B. Pharm (DU)

**James Regun Karmoker**

Lecturer  
MS Pharm Tech and B. Pharm (UAP)

**Nishat Jahan**

Lecturer  
MSc in Applied Biomolecular Technology (UK)

**Nadia Kabir**

Lecturer  
MS in Pharmacology (China), B. Pharm (UAP)

**Sumaya Huque**

Lecturer  
MS Pharm Tech and B. Pharm (UAP)

**Fahad Bin Imtiaz**

Lecturer  
M. Pharm and B. Pharm (DU)

**Parsa Sanjana Haque**

Lecturer  
M. Pharm and B. Pharm (DU)

**Sharmin Sultana**

Lecturer  
M. Pharm and B. Pharm (DU)

**Shomita Ferdous**

Lecturer  
MSc (University of Texas, USA), M. Pharm (DU)

**Department Facilities**

The department conducts teaching and research activities in modern well-equipped classrooms using specialist teaching and learning materials and laboratories purposefully designed to a high standard for providing a motivating learning environment that meets the needs of the profession.

The core resources that are provided by the department are its seven spacious air conditioned

class rooms equipped with modern sound systems and multimedia projectors that are connected to computers that have fast internet connections.

The areas of strength of the Pharmacy department are its fourteen highly equipped teaching and research laboratories which are equipped with up-to-date analytical instruments and machineries for evaluation of various dosage forms, design and manufacture of dosage forms, understanding of microbial disease pathogenesis and transmission, study of biochemical and biological studies of potential drug substance of natural origin. The department has two formulation and quality control laboratories which are unique and developed by simulating the labs of top pharmaceutical industries.

### Areas of Strength

The areas of strength in the department of Pharmacy is its atmosphere of professionalism and advance knowledge of the faculty members in accordance with its state-of-art research facilities that support highly sophisticated studies on drug action. The dedicated faculty members provide maximum effort for improving the quality of teaching-learning. Through sincere communication they ensure that each student receives right guideline for their studies such as getting the course outlines, teaching materials and other supporting assistance. They also allocate advising time for the students after classes to sit and meet with them for any kind of queries or difficulties concerning their course.

Pharmaceutical in-plant training is a part of the B. Pharm. curriculum and required for professional registration from Pharmacy Council of Bangladesh. It is one of the areas of strength of Pharmacy department that exposes the students to practical applications of education so as to connect the practice in industry with university curriculum and build their technical skills and capability.

The role that the pharmaceutical industries play in UAP pharmacy education is a unique strength of the Department. In every semester 80-90 students go to a number of local and international pharmaceutical companies for their in-plant training for a period of 2 to 4 weeks. In this period, the students gather practical knowledge and

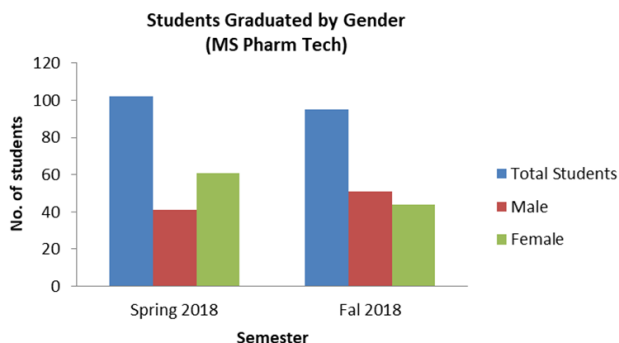
experience regarding the manufacturing process of different dosage forms, In-Process Control procedure, Quality Control procedure, Validation process, Packaging technology and Regulatory guidelines. After completion of the training, the Pharmaceutical Company give them a certificate which is essential for their professional career and plays an important role to obtain the certificate of registered pharmacist from the Bangladesh Pharmacy Council.

### Achievements of the Department

The Department of Pharmacy has awarded B. Pharm degrees to 160 students and MS Pharm Tech degrees to 197 students in the year 2018-19. It is duly accredited by the Pharmacy Council of Bangladesh. The graduate students are working as health care professionals at top national and international pharmaceutical companies such as Square Pharmaceuticals Ltd, Beximco Pharma Ltd, Incepta Pharmaceuticals Ltd, Eskayef Bangladesh Ltd, ACME Laboratories Ltd, Aristopharma Ltd, Opsonin Pharma, Radiant Pharmaceuticals Ltd, Orion Pharma, Sanofi Bangladesh Ltd, Glaxo SmithKline Bangladesh Ltd etc. A few of them are employed as faculty members at various universities in the country, such as, East West University, BRAC University, Southeast University and City University.

The department has a long-standing reputation for high quality research with an overall aim of improved healthcare outcomes. The faculty members who are devoted in continual study and recent developments in the field have regular publications in high impact factor journals such as, Journal of Pharmaceutics, Journal of Diabetes Mellitus, BMC Psychiatry, Cancer Epidemiology and Tumor Biology. The majority of research is conducted at the well-equipped laboratories of the department with active involvement of students. As a result, students having opportunities to advance their knowledge through diverse project works are familiar with research methodologies, idea generation, laboratory work and scientific reading/writing and have published thesis works with their supervisors. Only top students who have a research interest and excelled in the first six months of one-year Master's program are selected for thesis involvement. The strength of thesis experience helps many of the graduates

to take research as career in international institutions and thus contribute immensely to the health-care field.



## Departmental Events and Co-curricular Activities

The department is regular in organizing and participating in a variety of co-curricular activities, workshops and seminars. The highlights of the department's events and co-curricular activities include the following.

### Seminars Organized

The department regularly organizes different seminars which are academically supportive for the faculty members as well as for the students. During the year, the Department organized the following seminars:

A seminar on 'Experimental Study Design' was organized on April 16, 2019. The objective was to learn techniques and innovations in research design. Mr. Shyfuddin Ahmed, a Scientist at ICDDR,B, with experience of receiving research funds from NIH and NHLBI of USA, Mr. Shyfuddin Ahmed presented a fruitful guidance on how to design experimental study, randomize control trials and various other aspects of quasi-experimental design. All the faculty members and students of the Department attended the seminar.



Prof. Dr. Mohiuddin Ahmed Bhuiyan handed over a crest of UAP to the Keynote Speaker, Mr. Shyfuddin Ahmed

Dr Isa Naina Mohamed, Associate Professor, Department of Pharmacology, Faculty of Medicine, Universiti Kebangsaan Malaysia (UKM) as the Keynote Speaker gave a seminar on 'Sharing Research Ideas and Research Experience'. The other invited speakers were Dr. Ima Nirwana Soleiman, Professor, Department of Pharmacology and Deputy Dean, Faculty of Medicine, Universiti Kebangsaan Malaysia; Dr Md. Selim Reza, Professor, Department of Pharmaceutical Technology, University of Dhaka. At the beginning, the Head, Department of Pharmacy, UAP gave a presentation on the research activities of the department and highlighted its achievements.

One very significant outcome of this seminar is a likely research collaboration between UKM and UAP. As a part of that process Prof. Bhuiyan has visited UKM to present research activities of the Department of Pharmacy.



Post seminar meeting with the faculty members of the department

A seminar on 'Possible Impact of National Drug Policy 2016 on Pharmaceutical Sector of Bangladesh' was organized by the Department on 31 January, 2018 at UAP Campus. Dr. A. B. M. Faroque, Professor, Department of Pharmaceutical Technology, Faculty of Pharmacy of University of Dhaka was the Keynote Speaker. The seminar focused on how the steps taken by the government helped thrive the local pharmaceutical companies following the Drug Ordinance 1982. The speaker emphasized on the opportunities created under the National Drug Policy-2016 and how best those opportunities could be well utilized by the local pharmaceutical companies in business at home and abroad. Prof. Dr. Mohiuddin Ahmed Bhuiyan, Head, Department of Pharmacy concluded the seminar with thanks and presented a UAP crest to the keynote speaker. The faculty members and the students were among the attendees.



Guest Speaker Prof. Dr. A. B. M. Faroque receiving crest from Head of Department

A seminar on 'Mental Health at University Campus and How to Deal with Study Related Stress' in collaboration with Sun Pharmaceutical (Bangladesh) Ltd. was held on 7th November, 2018. The objective of the seminar was to make students familiar with the components of stress and proactive stress management skills. A renowned psychiatrist and media personality, Dr. Mekhala Sarkar, Associate Professor, Department of Psychiatry, National Institute of Mental Health (NIMH) was the keynote speaker. Later, Mr. Pintu Bhushan Mitra (UAP Alumni), Senior Product Manager of Marketing Planning Department, Sun Pharmaceutical (Bangladesh) Ltd made a presentation on their company and corporate social responsibility campaign.



Dr Mekhala Sarkar Speaking at the Seminar

## Co-curricular Activities

The fully functional clubs of the department are Pharma Science Club, Pharmacy Debating and Quiz Club, Social Awareness Club, Photography Club, Cultural Club and Sports Club. Programs like debate and quiz competitions, blood donations, winter cloth distributions, oral saline supply to flood victims, photography exhibitions, cultural programs, cricket and football tournaments, indoor games competitions, and annual picnic are all organized by these clubs. Aside from the club activities, the department regularly organizes poster presentations, wall magazine display and industrial visit.

## Pharma Science Club

Pharma Science Club organized a day-long Pharma Fiesta 2018, a day long event, at the campus premises on July 19, 2018. The motto of the Fiesta 2018 was to bring 'Aspiring Pharmacists under One Roof'. The program consisted of several segments like Olympiad, poster presentation and stall exhibition. A total of 202 participants from 15 different public and private universities participated in the event. Eminent pharmacists from various corners of Bangladesh were present as honorable guests. Brac University became champion in Pharma Olympiad while University of Dhaka and University of Asia Pacific earned the position of 1<sup>st</sup> and 2<sup>nd</sup> Runner-up, respectively. Sanofi Bangladesh Ltd, Eskayef Pharmaceuticals Ltd and Square Pharmaceuticals Ltd Bangladesh sponsored the Fiesta, while Maasranga Television, Kaler Kantho and Radio Dhoni 91.2 FM were the media partners for the event. Nestle Bangladesh limited was the beverage partner.



Vice Chancellor, National Professor Dr Jamilur Reza Choudhury,  
Chief Guest at the stall of Pharma Science Club in Pharma Fiesta  
2018

The Pharma Science Club organized an educational seminar on 'Higher Studies Abroad: Prospects & Challenges' hosted by Graduate Resource Enhancing Center in the Department of Pharmacy. The purpose of this seminar was to familiarize students about the processes and requirements needed to make a successful application for higher studies abroad. The speakers of the seminar were Shishir Banik (IELTS Instructor, GREC) and Shuvo Kumar (Faculty, GREC). Dr. Mamoon Rashid, Assistant Professor of Pharmaceutical Sciences at Appalachian College of Pharmacy, USA joined the seminar through Skype and answered questions from the participants. More than hundred students and the faculty members participated in this seminar.



Prof. Dr Mohiuddin Ahmed Bhuiyan presenting Crest to the  
Keynote Speaker

### Intra Department Poster Exhibition

Pharma Science Club of the Department arranged an Intra Department Poster Exhibition at the university premises on 14 January, 2019.

The program aimed at showcasing various health related concepts and strengthening the capacity of the students to exhibit their potential. 25 teams, each comprising of 5 members submitted their posters from different semesters. The Champion team was from the 1<sup>st</sup> year 2<sup>nd</sup> semester and their poster title was 'Sayeba's Method: Blessings of Maternity Health Science'.



Prof. Mohiuddin Ahmed Bhuiyan & Prof. S.M. Ashraful Islam  
visiting the Program

### Visit to Pharmaceutical Plants

Study tours to Pharmaceutical industries are regularly organized in every semester to give students exposure to industrial plants. The teachers and students from different batches participate in these tours to enrich their theoretical knowledge and to be familiar with the environment of the pharmaceutical industries.

Accompanied by four faculty members a team of third year second semester students visited ACME Laboratories Ltd at Dhamrai on November 17, 2018. The purpose of such visit was to provide students an exposure to real work environment and help them relate their classroom learning to real life situations.



Students of Pharmacy Department with the Executive Director of  
ACME Laboratories

## Professor Dr. Md. Habibur Rahman Scholarship Award Ceremony

The Department of Pharmacy organized Prof. Dr. Md. Habibur Rahman Scholarship Award Ceremony on 18 June 2019 at the University campus. The event was sponsored by Ex-Pharmacy Students' Association (EPSA) of UAP. Twelve meritorious students received awards for achieving highest grades in 'Biopharmaceutics and Pharmacokinetics'. Prof. Dr. Md. Habibur Rahman was an expert in this field. Mrs. Habibur Rahman distributed the awards among the students as Chief Guest. Among others, Prof. Dr. Md. Selim Reza, Faculty of Pharmacy, University of Dhaka and Mr. Mahbubul Haque, Secretary of Bangladesh Pharmacy Council spoke at the award ceremony. The speakers paid tribute to Prof. Dr. Md. Habibur Rahman for his great contribution in pharmacy education as well as pharmacy profession.



Prof. Dr. Md. Habibur Rahman Scholarship Recipients with Mrs. Habibur Rahman

## Social Awareness Club

Social Awareness Club organized a voluntary Blood Donation Campaign in cooperation with the Quantum Foundation. The program started at 10 AM and continued till 5 PM at UAP Plaza. During the campaign a total of 53 students volunteered in the registration process and after preliminary on-site medical screening of health history, body weight and blood pressure, 50 students were finally selected for blood donation.



National Prof. Dr. Jamilur Reza Choudhury is seen at the Blood Donation Camp

Another voluntary blood donation camp was jointly organized by the Pharmacy Social Awareness Club and Quantum Foundation on January 22, 2019. National Prof. Dr. Jamilur Reza Choudhury, Vice Chancellor, UAP inaugurated the event as Chief Guest. Prof. Dr. Mohiuddin Ahmed Bhuiyan, Head, faculty members and students of the department were present at the blood donation camp. A total of sixty three students registered as intending donors in. The donors were screened for Hepatitis B, Hepatitis C, Syphilis, AIDS and Malaria at free of cost. After the check-up facilitated by Quantum Foundation Team, a total of 50 units of blood was donated by students of the university in the day-long camp. The donors were given a donor card from Quantum Foundation.



Blood Donation Program Fall 2018

## Photography Club

The department is pioneer in establishing the first photography club, called PhotoPhilic at UAP. The club was formed as a home for all Photography enthusiasts to find the likeminded young people since 2012. From the beginning the members of PhotoPhilic tried their outmost to search for young talents in photography. For this purpose, four grand photography exhibitions along with two mobile photography contests were arranged during the last 6 years.

PhotoPhilic brought back the fourth grand photo exhibition 'The Expressions 4' at UAP campus on 27 and 28 January, 2019. Over 200 photos were submitted and only 60 were selected for the exhibition. A brochure of all selected photographs of the exhibition was published. Each participant was provided with a certificate, a T-shirt of PhotoPhilic and a catalogue of selected photographs. Somoy TV and City FM were the official media partners of the program.



Chief Guest Dr. Kabir with Photo Catalogue, 'The Expressions 4'

As a part of the regular activities of the photography club of the Department, PhotoPhilic arranged four 'Photowalk' in 2018. Every photowalk is followed by a photo contest. In addition, there are weekly photo contests to encourage the young photographers of the department. The club arranged a 'Photo Adda', a photo discussion session with ex-president of the club, Riduanul Islam on December 9, 2018. PhotoPhilic has its own facebook page at which the results of the photo contests and other activities are regularly published.



Members of PhotoPhilic during the 27<sup>th</sup> and 30<sup>th</sup> Photo Walk

## Sports and Receptions

A lot of indoor and outdoor games and sport tournaments are being organized throughout the year by Sports Club of the Department. The Sports Club is one of most active clubs of the department; it is actively involved in arranging indoor and outdoor sports in the department on regular basis throughout the year. Activity of this club brings joy and festivity to the students, faculty and staff, bringing students together for participating in different games which ultimately improves the brotherhood among the students of different semesters and promote their leadership, management and competency skills. Sports club usually arranges Intra Department Football Tournament in Spring semester and Intra Department Cricket Tournament and Indoor Games in Fall semester.

The indoor games that the Sports Club arranged at the university premises on 24 December, 2018 for wide range participation of the students during the year were: Table Tennis, Chess, carrom, Dart throw, Ludu, and special games for the teachers.



Prize distribution of Intra Department Football Tournament, 2018

## Pharmacy Cultural Club

On 31 January, 2019, the cultural club of the department arranged a delightful cultural program for the outgoing students of 38<sup>th</sup> batch. Prof. Dr Mohiuddin Ahmed Bhuiyan, Head of the Department congratulated the outgoing batch of students for their successful completion of B. Pharm program and advised them to uphold the fame of the Department and the University through their performance as pharmacy professional. Students from different batches performed in fascinating musicals, choreographed dances and stage dramas in the East Plaza.



Cultural Program, Fall 2018

## Faculty Leadership

**Prof. Dr. Mohiuddin Ahmed Bhuiyan, Head of the Department until April, 2019**

**Joint Secretary,** Bangladesh Pharmaceutical Society for two consecutive terms July 2012 till present.

**Member** to the Executive Committee of Japanese Universities Alumni Association in Bangladesh (JUAAB) for the next 2 years from 01 April, 2019.



Annual General Meeting of JUAAB

## Alumni Leadership

Mr. Muhammad Mahbubul Haque, an Alumni of Pharmacy Department graduated in 2004, has been recently appointed as Secretary of Pharmacy Council of Bangladesh. The Department held a reception for him at UAP Auditorium and felicitated him with a crest on November 8, 2018. The ex-students, current students and the members of the faculty attended the celebration.



Mr. Muhammad Mahbubul Haque receiving crest from the Vice Chancellor of UAP, National Prof. Dr. Jamilur Reza Choudhury, BOT Member Al-haj Mohammed Mohsin, and Head of Pharmacy Department Prof. Mohiuddin Ahmed Bhuiyan

## Faculty Capacity Development

Three Assistant Professors (Ms. Tahiatul Shams, Mr. Md. Abu Sufian and Ms. Kanij Nahar Deepa) and two Lecturers (Mr. Md. Abdullah Al Noman and Mr. Md. Mubarak Hossain) are on study leave

for pursuing PhD.

The new faculty members are usually offered a day-long orientation program. Three new faculty members -- Ms Shomita Ferdous, Ms Sharmin Sultana and Ms Farina Aziz who joined the department in the current year were given orientation.

The faculty members of the Department attended training sessions on 'How to use Orbund' the tools to carry out registration and assessment. The training was given by the IT section of UAP

## Faculty Members' Services to Academic Community

### Professor Dr Mohiuddin Ahmed Bhuiyan

a. **Member**, PhD Oral Examination Committee, Department of Pharmacy, Jahangirnagar University, 2 May 2019.

b. **External Member**, Examination Committee of M. Pharm (Pharm. Tech.), Dhaka University, 25 March 2019.

### Professor Dr Swarnali Islam Khanadaker

**Member**, PhD Oral Examination Committee, Department of Pharmacy, Jahangirnagar University, January 21, 2019.

## Department Goals for the Next Year

The department has taken initiative to offer a second master's program in Clinical Pharmacy and Pharmacology from next year to enhance the scope of research and meet the demands of the industry.

## Publications of Faculty Members

### A. Peer-reviewed Journal Papers

Afrin, S., Ishrat, I., Hasan, A. H. M. N. & Deepa, K.N. (2018). Novel approaches of herbal drug delivery. *Journal of Pharmaceutical Research International*, 21(5), 1-11.

Das, S., Huque, S., Anwar, M.R., Gorapi, M.Z. H., Chowdhury, S.F. & Shahriar, M. (2018). Analytical methods of six FDA approved molecular entities used for the treatment of non-small cell lung cancer: a concise review. *International Journal of Pharmacy*, 8(1), 33-46.

Hamiduzzaman, M., Salam, F.B.A., Hasan, A.H.M.N. & Santa, S.A. (2018). Qualitative analysis of *Lactobacillus* strains in milk probiotics. *International Journal of Advanced Research*, 6(10), 154-164.

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## B. Peer-reviewed Book Chapter

Hossain, M.A., Pervin, R., Debnath, D. & Bhuiyan, M. A. (2019). Therapeutic Treatment for Controlling Childhood Obesity. In Bagchi, D. (Ed.) *Global Perspective on Childhood Obesity: Current Status, Consequences and Prevention* (pp. 377-385). Cambridge, MA: Academic Press.



## AUDITOR'S REPORT

**Contribution of UAP to Bangladesh Government Exchequer  
during 2018-2019**

Income Tax Deduction at Source from Staff Salary	Tk.1,17,48,328
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VAT Deduction at Source from Third Party	Tk.1,96,15,135
--	----------------

<b>Total</b>	<b>Tk.3,13,63,463</b>
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**University of Asia Pacific**  
**Balance Sheet**  
**As at 30 June 2016**

Particulars	Notes	30.06.2016 Taka	30.06.2015 Taka
<b>ASSETS</b>			
<b>Non-current assets</b>			
Property, plant and equipment	4	459,243,881	456,708,831
Work in Progress	5	866,981,991	538,691,443
Reserve fund deposit	6	59,355,527	54,575,165
<b>Total non-current assets</b>		<b>1,385,581,399</b>	<b>1,049,975,439</b>
<b>Current assets</b>			
Inventories		503,388	75,027
Receivable	7	48,313,548	39,365,776
Advance, deposits and prepayments	8	28,959,422	36,732,400
Cash and cash equivalents	9	323,244,407	228,742,015
<b>Total current assets</b>		<b>401,020,765</b>	<b>304,915,218</b>
<b>Total Assets</b>		<b>1,786,602,164</b>	<b>1,354,890,657</b>
<b>EQUITY &amp; LIABILITIES</b>			
<b>Equity</b>			
Reserve fund	6	59,355,527	54,575,165
Excess of income over expenditure		1,072,388,234	965,859,330
		<b>1,131,743,762</b>	<b>1,020,434,495</b>
<b>Liabilities</b>			
<b>Non-current liabilities</b>			
UAP Development fund		36,628	36,161
Payable to UAP Foundation	10	9,914,196	9,914,196
Gratuity Fund	11	45,568,271	40,844,961
Caution Money	12	36,946,044	31,664,044
Long Term Bank Loan	13	409,107,473	140,695,705
<b>Total non-current liabilities</b>		<b>501,572,612</b>	<b>223,155,067</b>
<b>Current liabilities</b>			
Receipts in advance	14	108,842,733	95,953,685
Payables and accruals	15	42,410,286	13,732,698
Donation for Scholarship Fund	16	2,007,941	1,589,883
Departmental Research Fund	17	24,830	24,830
<b>Total current liabilities</b>		<b>153,285,790</b>	<b>111,301,096</b>
<b>Total liabilities</b>		<b>654,858,402</b>	<b>334,456,162</b>
<b>Total equity and liabilities</b>		<b>1,786,602,164</b>	<b>1,354,890,657</b>

The accompanying notes form an integral part of the Financial Statements.

**Deputy Director  
Finance & Accounts**

**Treasurer**

**Vice-Chancellor**

**Chairperson  
Board of Trustees**

Dhaka,  
22 July 2018

*Acnabin*  
**ACNABIN**  
Chartered Accountants




**ACNABIN**  
Chartered Accountants

University of Asia Pacific  
Income and Expenditure Statement  
for the year ended 30 June 2016

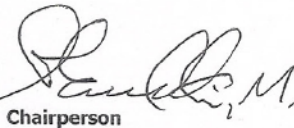
Particulars	Notes	2015-2016 Taka	2014-2015 Taka
<b>REVENUE</b>			
Tuition		532,379,113	518,291,500
Admission Fee		21,812,000	19,988,000
Sale of admission forms		1,303,000	1,279,049
Extra Curricular Activities		8,695,000	8,230,000
Interest		30,441,013	24,095,153
Other Income	18	10,617,005	10,090,044
<b>Total revenue</b>		<b>605,247,131</b>	<b>581,973,746</b>
<b>EXPENSES</b>			
Payroll - faculty	19	209,667,585	170,257,621
Payroll - Management	20	33,790,728	28,920,777
UAP Contribution to PF		4,540,095	4,145,768
Gratuity		6,984,594	6,211,755
Rent	28	95,188,423	109,565,623
Telephone, Fax, e-mail, Internet connection	21	2,622,922	2,615,643
Audit fees/professional/legal fees	29	4,336,288	2,521,249
Honorarium - board & committee meeting	22	9,147,479	6,284,984
Bank charge, taxes etc.	23	9,947,674	2,684,934
Electricity, Gas and Water	24	9,906,650	9,868,337
General and administrative expenses	25	8,025,624	25,303,459
Printing, stat., office supplies & com. Consume	26	4,620,410	6,418,442
Insurance premium - Faculty, Staff and Students	27	771,706	406,093
Depreciation		19,067,884	20,143,869
Capital Goods adjustment expenses		629,568	-
Examination expense		871,208	774,581
Scholarship		49,689,989	48,201,038
Hired security service		4,418,926	3,715,765
Laboratory exp. & practical class charge		2,245,465	2,144,078
Advertisement and Publicity		9,127,997	4,952,873
AGM & Board Meeting Expenses		506,779	473,260
UAP functions, ceremony, etc.		1,041,557	1,312,402
Student activity, games, sports etc.		4,303,971	4,182,193
Seminar, workshop, conference		1,504,384	1,130,586
Convocation expense		24,401	(48,764)
Research & Publication		537,499	848,660
<b>Total expenses</b>		<b>493,519,806</b>	<b>463,035,226</b>
<b>Excess of income over expenditure</b>		<b>111,727,325</b>	<b>118,938,520</b>
Add: Beginning Excess of income over expenditure		965,859,330	843,921,112
Excess of income over expenditure for the year		111,727,325	118,938,520
Transfer from UAP reserve fund account		(4,780,362)	2,999,698
Transferred to Scholarship Fund		(418,059)	-
<b>Accumulated excess of income over expenditure transferred to balance sheet</b>		<b>1,072,388,234</b>	<b>965,859,330</b>

The accompanying notes form an integral part of the Financial Statements.

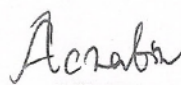
  
Deputy Director  
Finance & Accounts

  
Treasurer

  
Vice-Chancellor

  
Chairperson  
Board of Trustees

Dhaka,  
22 July 2018

  
ACNABIN  
Chartered Accountants



**University of Asia Pacific**  
**Cash Flow Statement**  
**for the year ended 30 June 2016**

Particulars	Notes	2015-2016 Taka	2014-2015 Taka
<b>Cash flow from operating activities</b>			
Excess of income over expenditure		111,727,325	118,938,520
Gain/Loss from sales of Assets		629,568	(736,951)
Depreciation on property, plant and equipment		19,067,884	20,143,869
		<u>131,424,777</u>	<u>138,345,438</u>
<b>Changes in working capital</b>			
(Increase)/decrease in advance, deposits and prepayments	8	7,772,978	27,364,256
(Increase)/decrease in receivables	7	(8,947,772)	(4,453,001)
Increase/(decrease) in receipts in advance	14	12,889,049	(22,723,131)
Increase/(decrease) in payable and accruals	15	28,677,588	(43,679,672)
(Increase)/decrease in inventory		(428,361)	213,734
Increase/(decrease) in gratuity fund		4,723,310	4,264,350
Increase/(decrease) in donation Fund		-	(2,425,500)
Increase/(decrease) in scholarship Fund		418,059	-
Increase/(decrease) in caution money		5,282,000	3,684,000
		<u>50,386,850</u>	<u>(37,754,964)</u>
Net Cash Flow from operating activities		<u><b>181,811,627</b></u>	<u><b>100,590,474</b></u>
<b>Cash Flow from Investing activities</b>			
Acquisition of property, plant & equipment		(25,868,554)	(103,855,230)
Work-In- Progress		(328,290,548)	(95,723,669)
Sale/Disposal of old Assets (cost - dep.)		3,636,051	921,500
Scholarship Fund Transfer/deposit		(418,059)	-
University of Asia Pacific reserve fund		-	-
Transfer/deposit		(4,780,362)	2,999,698
Net Cash Flow from Investing activities		<u><b>(355,721,472)</b></u>	<u><b>(195,657,701)</b></u>
<b>Cash Flow from Financial Activities</b>			
University of Asia Pacific Development Fund		467	85
Increase/(decrease) in bank loan		268,411,770	132,031,317
Net Cash Flow from Financial Activities		<u>268,412,236</u>	<u>132,031,402</u>
Net Increase/(decreases) in cash & Cash Equivalents		<u><b>94,502,391</b></u>	<u><b>36,964,175</b></u>
Opening Cash & Cash Equivalents	9	228,742,015	191,777,840
Closing Cash & Cash Equivalents	9	<u>323,244,407</u>	<u>228,742,015</u>
Net Increase/(decreases) in cash and Cash Equivalents		<u><b>94,502,391</b></u>	<u><b>36,964,175</b></u>

**Deputy Director**  
**Finance & Accounts**

**Treasurer**

**Vice-Chancellor**

**Chairperson**  
**Board of Trustees**

Dhaka,  
 22 July 2018

**ACNABIN**  
**Chartered Accountants**



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