



University of Asia Pacific
Department of Computer Science & Engineering

ACM-ICPC 2017 Asia Dhaka Regional Site Event

University of Asia Pacific
18-19 November, 2017

Report

Introduction

Department of Computer Science and Engineering, University of Asia Pacific (UAP) has proudly hosted Regional Final of the International Collegiate Programming Contest (ICPC) entitled as “2017 ACM-ICPC Asia Dhaka Regional Contest” on November 10-11, 2017 at UAP City Campus. The Inauguration Ceremony took place on Friday, November 10 and the Closing and Prize Giving Ceremony took place on Saturday, November 11, 2017.

Vice Chancellor Professor Dr. Jamilur Reza Choudhury was the Asia Dhaka Regional Contest Director and Dr. Bilkis Jamal Ferdosi was Program Coordinator of the event. The panel of judges was led by Prof. Dr. M. Kaykobad as Chief Judge, Mr. Shahriar Manzoor, Judging Director and Mr. Hasnain Heickal as judging coordinator.

Online Preliminary Contest & Final Team Selection

There were two rounds of contests, namely Online Preliminary Contest and Onsite Contest. A total of 1,456 teams from 85 institutes participated in the Preliminary Contest on September 23, 2017. This year number of university participation was almost double than last year. To increase the participation of more universities in Onsite Contest, University of Asia Pacific decided to increase the number of selected teams from 125 to 150 for the Finals with the consent of RCDs and judges.

From the online contest, 148 teams were selected for the Onsite Round which was held on 10-11 November, 2017 at University of Asia Pacific. Two teams from Nepal participated as foreign guests.

Onsite Contest

Opening Ceremony & Mock Contest

Inauguration Ceremony was honored by the presence of Prof. Abdul Mannan, Honorable Chairman, University Grants Commission as our Chief Guest. Mr. Subir Kishore Choudhury, Secretary, Information and Communication Technology Division (ICTD) and Mr. Qayum Reza Chowdhury, Chairman, Board of Trustees, UAP were also present as special guests. The ceremony was chaired by vice Chancellor Prof. Dr. Jamilur Reza Choudhury, UAP and RCD of the event.

Prof. Dr. C J Hwang, ACM-ICPC Asia Director graced the occasion as Special Guest.

The opening ceremony was held in the plaza of UAP at 3:00 pm and then followed by the mock contest at 5:30 pm.



Onsite Contest

It was worth mentioning that all 150 teams appeared before the final round, making this year the largest ever Asia Dhaka regional final. The Final Round of the contest started at 9:00 am. The entire System team was headed by Mr. Imran Bin Azad, Md. Aktaruzzaman Adnan and Akm Ashiquzzaman. They were assisted by all the volunteers and lab assistants who deserve credits for the overall system and network performances. The whole team of organizers did a praiseworthy job to execute a flawless program.

The full problem set can be found here [<http://uap-bd.edu/cse/acm-icpc/Problemset-2017.pdf>]. There were total 11 problems. Problem E was solved by the most number of teams. And only one problem (Problem K) remained unsolved. This year we used a Print Server Application for teams' code printing purposes. For each team, the server sent its print commands to the printer with shortest physical distance from the team's location. This ensured providing printed copy to teams within 2 minutes of sending the command. The application was built by Mohammad Samiul Islam (Judge, 2017 ACM-ICPC Dhaka Site Contest, Ex-World Finalist).

Problem	A	B	C	D	E	F	G	H	I	J	K
No. of Teams solved	43	68	26	87	148	55	3	79	16	3	0
No. of Teams submitted	75	95	31	127	150	110	5	105	34	10	3

There were several activities along with the contest. A special coaches session was arranged where coaches from both home and abroad shared their thoughts. There was a presentation by Dr. Shazzad Hosain, coach of North South University and General Secretary of Bangladesh Advanced Computing Society (BACS). He discussed the present activities of BACS in competitive programming. We provided refreshments and later lunch for all the coaches, contestants, judges and all the guests for the program.

Award Ceremony

On the event of Prize Giving and Closing Ceremony we were delighted to have Mr. Zunaid Ahmed Palak, MP, the Honorable State Minister, ICT Division, Government of the People's Republic of Bangladesh and Mr. Qayum Reza Chowdhury, Chairman, Board of Trustees, UAP as special guests. The ceremony was chaired by vice Chancellor Prof. Dr. Jamilur Reza Choudhury, UAP and RCD of the event.

The Ranklist can accessed here: [<https://icpc.baylor.edu/regionals/finder/dhaka-2017/standings>]

We've provided prizes on various categories: All top 20 teams along with 2 all girls' team, 2 IOI teams, 8 divisional Champions, first solve of each problem and first solve of the contest. All participants, Coaches, Judges and Steering Committee members attended a Gala Dinner after the ceremony. Thus conclude the ACM-ICPC 2017 Asia Dhaka Regional Site Event report.