

Report from the Contest Director

The contest challenges students, working in three-person teams, to rely on their programming skills and creativity during a five-hour battle of logic, strategy, and mental endurance. Students solve complex problems using both traditional and new software development tools. The Kolkata-Kanpur Site contest-2017 is a multi-site contest and was held at Kolkata (West Bengal) as well as Kanpur (Uttar Pradesh) of India. This contest is organized by National Institute of Technical Teachers' Training and Research, Kolkata. The onsite round in Kolkata was hosted by JIS Group, Kolkata, whereas University Institute of Engineering and Technology, CSJM University, Kanpur hosted the onsite round in Kanpur. This event is sponsored by ICPC Foundation and Jet King with local partner CodeChef.

This year 971 teams from all over the Asia have shown their interest in Kolkata - Kanpur Site and registered themselves. Because of limited number of slots at Kanpur and Kolkata, a preliminary online contest was organized on November 05, 2017. This contest was organized to select best teams for the Kolkata-Kanpur onsite round. A total of 558 teams participated in this online contest and top 168 teams are selected for the Onsite round to be held on 23 and 24 December, 2017. Out of these 168 qualified teams 100 teams registered at Kanpur while remaining teams are at Kolkata on December 24, 2017. Teams from all the Premier Educational Institutions of India participated in the contest. Compositions of these teams are as follows:

Total Teams	971
Number of Distinct Institutions	218
Number of Coaches	391
Number of Female Participants	247
Number of Male Participants	2395
Total Number of Participants	2772

The Statistics for Teams qualified for Kolkata-Kanpur Onsite round are as follows:

Total Teams	168
Number of Distinct Institutions	168
Number of Coaches	168
Number of Female Participants	25
Number of Male Participants	478
Total Number of Participants	503

I am proud to inform you that the ACM International Collegiate Programming Contest [Asia Region Kolkata-Kanpur Site] was conducted successfully. It was a multi-site contest at CSJM Kanpur University, Kanpur and Guru Nanak Institute of Technology, Kolkata. It is a matter of great honor to be able to organize this contest

in India continuously for the eighteenth time in a row. I am happy to say that the Contest really went off very well. This was largely due to the wonderful teamwork of CSJM Kanpur University and Guru Nanak Institute of Technology, Kolkata under the leadership of Dr. Sandesh Gupta along with Prof. Renu Jain and Dr. Sudhanshu Pandiya of CSJM University, Kanpur and Mr. Gaurav Majumder of Guru Nanak Institute of Technology, Kolkata.

Teams started arriving on the campus from December 23, 2017 morning onwards with lot of hopes, ideas and enthusiasm. In the evening of December 23, we had the Inaugural function simultaneously at both the sites. There was one keynote speech delivered by Mr. Anup Kalbala of DirectI.

To enable contestants to become familiar with the environment, on December 23, 2017 we had a practice session, which started at 4:00 PM and continued till 5:00 PM. On December 24, 2017 the contest began at 10:00 AM. It was of five hours duration. There were 11 problems. We are glad to note that 8 distinct problems were solved.

Results were declared on December 24, 2017 at 4:45 PM. We are glad to announce that Indian Institute of Technology Delhi (Team Name: Know_no_algo) is the Winner of the Contest. The team could solve 7 out of 11 problems with 2 penalty points. There are 2 more teams who could solve 7 problems. ButterRoti of Indian Institute of Technology, Patna has become the runner-up with 2 penalty points while second runner-up is TooLazyToPropagate of Indian Institute of Technology, Varanasi. There are 5 teams who could solve 6 problems while 25 teams could solve at least 5 problems. There are 68 teams who could solve 4 problems. Further, it is happy to inform that 160 teams could solve at least 1 problem. Results are available on our web site www.icpckolkata.in/Result.pdf.

The Contest provided a platform where our future programmers, professionals, industries and government organizations worked together. It would have been impossible to organize this event without the wonderful support I received from everyone. My grateful thanks to all the contestants, coaches, all team members of DirectI, ACM contest organizers, the administration of UIET, CSJM University, Kanpur, JIS Group, Kolkata and NITTTR, Kolkata, my working committees, volunteers, service providers, and a lot of people who helped from both within and outside the Institute. I also thank the media for providing wide publicity to this contest.

Phalguni Gupta
Regional Contest Director,
ACM ICPC (Asia Region –Kolkata-Kanpur Site)- 2017