

**Don Bosco Institute of Technology**  
**Department of Computer Engineering**

**Report on Programming Competition:**

DBIT's Programmers club which is under ACM, COMPS department conducted a programming of all the SE students for the COMPS, IT and EXTC departments. The primary reason for conducting such a competition was to make the students get more interested in programming. The programming competition proved to be a good platform to get the students to pick up an interest for programming by making the problems much more different than what they deal with while coding on a regular basis.

The participants were asked to write the code for the questions in C as they had already learnt C in their previous semester and would find it easier to code in a familiar language. Two rounds were conducted for the competition.

The initial round was for seeding out the competition and picking out the students that seemed competent enough to tackle tougher problems. The initial round was held on 18<sup>th</sup> July 2017. And saw a total of 86 participants with a majority of the participants belonging to the COMPS department. There was a total of 10 questions given to the participants to solve over a span of 2 hours. Each question carried a different amount of points based on the difficulty of the question. Thus, giving the participants to either solve smaller, easier questions to get marks quickly or to solve larger, more challenging questions which offered much greater rewards. In the event of a tie, the participants which had solved the most questions with a lesser amount of time were selected. A total of 11 participants were qualified for the next round.

The second and final round of the competition was conducted on 24<sup>th</sup> July, 2017. The rules of the competition were the same as that of the first round. Except, the second round consisted of 5 questions which would require much more thought and effort to solve as compared to the questions posed in round one. Only two students were able to solve all 5 questions and were allotted the first and second place for the tournament based on the time taken by them.

**The names of the winners are :**

**1st prize:- Afi Adhikari, SE COMPS 2**

**2nd prize:- Pratik Nerurkar, SE IT 42**