

# NSU ACM STUDENT CHAPTER Activities: January 2017 to April 2017

## **Workshop on Bioinformatics**

The workshop was the largest event in Bioinformatics in Bangladesh where nearly 100 enthusiasts from diverse background participated from 15 different universities, research institutes such as BARI and industries. In this workshop main speakers were: Dr. G. M. Sayedur Rahman-Assistant Professor of Dept. of Pharmaceutical Science, NSU; Dr. Ahsanur Rahman-Assistant Professor of Dept. of ECE NSU; Dr. Maqsd Hossain- Assistant Professor of Dept. of Biochemistry and Microbiology NSU ; Dr. Atif Has an Rahman -Assistant Professor of Dept. of CSE, BUET.

## **Intra NSU Programming Contest**

Some 38 contestants from NSU took part in the competition to show their programming talent and problem solving skills. There were 8 problems to be solved in the competition where they have to spent 4 hours solving the critical problems. The problems were based on Data Structure, Dynamic Programming, Algorithm and lots more. These problems were set by various programmers around Bangladesh. They tried to create the problems based on real life to increase creativity. Shahed Shahriar, Saurav SenTanmoy , Muhammad Abdullah Main Khan, M Saiful Bari, Arunima Mandal, Tanmoy Datta, Mehdi Rahman, Mahmud Ridwan, Tarif Ezaz, Muhammad Ridowan were the judges for this contest.

## **Inter University Programming contest 2017**

In this solo based computer programming competition, 112 participants from universities around the country partook to flex their problemsolving muscles. They were given four hours to complete eight algorithmic problems that put their programming skills, logical abilities, and creativity to the test. The judges panel included Tarif Ezaz, Mohammad Abdullah Matin Khan, M. Saiful Bari, Tahmid Rahman, Mahmud Ridwan, Bakhtiar Hasan & Tanmoy Datta. Silvia Ahmed, core faculty member of Electrical and Computer Engineering Department of North south university performed the duty of contest director.

## **ROBOTICS**

Robotics workshop has been initialized with a view to nourish the enthusiastic participants with the knowledge of fundamental mathematics and algorithms that underpin robotics and know

the basic of Arduino, sensors, modules and other robotics components along the way of the workshop.

### **PYTHON WORKSHOP**

The workshop on Python programming, namely "Introduction to Python" is a non-credit weekly course conducted by engineers from the industry. This six-week long course covers topics like Basic syntax of Python, Natural Language Processing, Web Applications, and Text processing basics.

### **Free Training Session on C and JAVA programming**

NSU ACM Student Chapter felt the urge to do something great for the fellow students of engineering department of North South University through arranging training session on the basic courses of computer Science and Electrical engineering

### **Capstone Innovation Challenge Season 1: Connecting the dots**

"Connecting the dots" held to bring out the spirit of students to materialize their projects into real life products. The session was inaugurated by Associate Professor of Department of Electrical and Computer Engineering and faculty adviser of NSU ACM Student Chapter, Dr. Sazzad Hossain who played the key role to support and arrange the event. He started by explaining the objective of the session in a nutshell. Respected CEOs from different companies then took the stage and shared their experiences with the students.