



Robot exhibition at BRACU

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There used to be a time when robots were just fictional objects existent only in our imagination, but over the course of time, the efforts of human beings to bring fiction into reality has come true. BRAC University Electrical and Electronic Club (BUEEC), in its endeavour to promote engineering among all general students, took up the initiative of holding a Robot Exhibition where the brightest students of BRAC University showcased the different robots that they had developed themselves. They developed the robots with the help of the faculties of School of Engineering and Computer Science and under the supervision of Dr Md Khalilur Rahman.

On 8 April, BUEEC organised this exclusive exhibition to put forth a bridge between the individuals who have been able to develop the robots and people who are curious about robots. The exhibition had the privilege of keeping robots such as Multi-model Human Interaction Based Human Assistant Robot which can be driven by the gestures of hand and is able to detect the position of a human hand and can be used to drive a car.

We also had a robot named An Eye Controlled System, which allows us to have an automated system that can be controlled by the use of human eyes. There were other robots named Robotic Arm with 3 degrees of freedom, Under Water Exploration and Salvage ROV, Humanoid Walking Robot, Demo Self Driving Car, Ropon Robo(Robot that can dig a hole for Plantation), Whe-Car (Joystick controlled wheel chair for Disabled People) and Stair Climbing Robot.

The main attraction of the exhibition was the Chondrobot which has set a stepping stone in terms of progress of Bangladesh in the world of developing robots. BRAC University (BRACU) became the first private University from Bangladesh to send a robot for the prestigious NASA Lunabotics Mining Competition.

BRAC University intends to participate at the competition of this year and this time the students have developed an improved version of Chondrobot titled Chondrobot Version 2 to which quite a few new features have been added improving the previous version. Both the versions were displayed at the exhibition.

However, after the exhibition, there was a quiz competition held by BUEEC to test the knowledge of the students with regard to electronics. There were about 13 teams that participated at the competition.

Club Adviser Ms. Amina Hasan Abedin handed over crests to them. The exhibition also had the privilege of having a few school students; their enthusiasm for and curiosity about robots and their eagerness to know the details about robots was simply astonishing.