On March 15th, IEEE SB organized its very first meeting with its existing and new members with an aim to discuss the year-long plans and introduce the basic idea of IEEE. The meeting started off with the former chairperson Tasnim Rumman Hoque sharing his ideas and experience with IEEE followed by an ice-breaking session among the students helping them to know each other. Later three didactic and inspirational videos were shown to cover the different activities of the organization globally. Shortly after, the former chairperson introduced the new Executive Body of the year 2012 that lead to an intense discussion among the members and the EB. Members were also informed that students from any science backgrounds can join IEEE, categorically mentioning that it is not limited to EEE students but also is for students of Physics, Computer Science, Mathematics and so on. Towards the end, the second issue of 2011’s newsletter was distributed among the members marking the end of GBM.

One of the institutions that influenced my technical career the most is IEEE, world's largest professional organization. My relation with IEEE began in 2007 when I took part in IEEE Computer Society event, well before I became a member. Over the years, more I learned about technology, more I realized the influence of IEEE in science and technology. A big part of my IEEE experience was from the BRAC University Student Branch. As a Secretary of the branch in 2009 and Chairperson in 2010, I had an amazing time working with a great executive team and organizing events for enthusiastic members. Now that I am on the other side of the planet, in the heart of Silicon Valley, I can feel a strong presence of IEEE. The organization helps me network with world class engineers and scientists, as well as keeps me updated with new and cutting edge technologies. After 4 years, I am still a member of IEEE and a number of its societies.

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Atomic Energy Research Establishment Tour

As part of IEEE’s technical tour, on 10th April 2012 at around 12.30 PM the IEEE student member team accompanied by a faculty from Electrical and Electronics Department visited Bangladesh Atomic Energy Research Establishment, Savar. With an aim to get an idea of the ongoing activities in AERE, the tour was mainly focused on the different R&D activities carried out in the AERE labs. The tour commenced with a visit to the Electronics and Tissue Banking Fabrication Lab and Integrated Chips (IC) Fabrication Lab where students were provided with a terse description of the process by one of the staffs. Afterwards the students explored the Waste Management Unit where wastes containing radioactive materials are treated separately to be preserved and recycled later. The students finally had the opportunity to get a splendid sight of the massive tandem accelerator, one of the main attractions of the tour. A visit to the Isotope production and hydrology labs which serve many renowned hospitals in Dhaka with iodine isotope were also a significant part of the study tour followed by a visit to the chemistry lab.

Another spectacular highlight of the tour, towards the end, was the student’s visit to the 3MW Nuclear Reactor. The students were briefed on the applications of the radioisotopes in medical science and industries. The tour ended successfully stirring up enthusiasm among the students now filled with the basic knowledge of Atomic Energy. The day long IEEE technical tour helped to enlighten the students with many ingenious techniques and notable facilities in AERE for which the IEEE team is truly grateful to Professor Naiyyum Chowdhury, and Professor A A Ziauddin Ahmed the chairperson of Department of Mathematics and Natural Sciences, without whose support, the study tour would not have been possible. This event was also published in the June Issue of Region 10 Newsletter.

Seminar on Demand Side Management in Smart Grid Perspectives

In collaboration with Control Application and Research Group (CARG), IEEE Student Branch 2012 successfully organized its very first Seminar of its working year on 27th June. Engineers from power development board (PDB) also attended the seminar. Later in the Seminar Dr. S. Shahnawaz Ahmed, Research Professor of the department of electrical and electronic engineering, gave a 60 min presentation on demand side management (DSM) in smart grid perspectives. His articulate presentation covered the various objectives and benefits of DSM, its relation with energy efficiency, demand response and smart grid, the various tariff and technology based programs for DSM and few comments on payback time. His discussion also included suitable DSM programs for developing countries like Bangladesh. The seminar ended with a question and answer session and refreshments for all.
Online Photo Contest- ‘Engineering In Life’

From 17th June to 25th June 2012, IEEE BRACU SB presented an engineering photo contest to students of all departments from BRAC University to portrait their notion of engineering through photography. The objective of the photo contest was to capture the essence of engineering in our daily life in a still frame that will depict the significance of technology all over the world. Students were given a time span of 9 days to prepare their photos and on 25th June the photos went through a selection process to be in the top 3. The judging panel comprised of five faculty members. Based on the judges’ decision ‘The Engine of a Bus’ by Md. Saidur Rahman won the first prize, ‘Shomapto Opekkha’ by Abdullah Al Noman won the 2nd prize and ‘Smart Card’ by Tanjina Islam won the 3rd prize. These photos were later awarded prize money of Tk 3000, Tk 2000 and Tk 1000 respectively by the Chairperson of EEE Department, Dr. Sayeed Salam in the Seminar on Demand Side Management.

A glance at ‘The Winning’ photos

Winner

‘The Engine of a Bus’ by Md. Saidur Rahman. EEE Department

1st Runner Up

‘Shomapto Opekkha’ by Noman Abdullah, CSE Department

2nd Runner Up

‘Smart Card’ By Tanjina Islam, CSE Department

Club Fair– Summer 2012

Every semester the scintillating club fair welcomes and gathers hundreds of students to explore the student clubs and organizations of BRACU. This semester IEEE participated in the fair with an aim to familiarize the institute among the fresher. The honorable VC and Pro-VC inaugurated the fair and made visits to individual booths. Highlighted by an attractive background of IEEE spectrum covers and a video composition comprising of all IEEE activities since 2008, the IEEE booth attracted many future engineers of BRACU, thereby recruiting around 30 members.
To contribute to the next issue please send in your articles or write-up to:

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A Note From the Faculty Advisor: AKM Abdul Malek Azad

The first half of the year has been witness to some exhilarating and successful activities from IEEE BRAC University Student Branch 2012. The past six months has been quite eventful for the members, whose hard work has paid off. I would like to congratulate the whole team on their diligent work and determination.

I have hope that the next six months will be even more industrious and enjoyable in terms of activities, and will bring us further appraisal and much more.

I am honored to be able to present you all with the third issue of IEEE BRAC University Student Branch’s very own Newsletter! Enjoy.

Mid-Year Sign-Up Week

The Mid-Year sign up facilitated an immense registration week that recruited 30 registered members. It is of great pleasure to be able to announce that IEEE BRACU Student Branch has now a total of 68 registered members! We are looking forward to recruiting more members by the end of this working year and provide the students a strong platform for exposure and experience in the technical world!

From the Editor: Ahmed Hosne Zenan

Following the inauguration of the newsletter in 2011 for the first time in IEEE BRACU SB, the student branch is hoping to keep this tradition alive and publish more and more newsletters, thus successfully conveying the message and purpose of IEEE through not only activities but words. Hope you will enjoy this issue as much as you have enjoyed the previous ones. I am truly grateful to Tasfia Rahman whose endeavor has led to the creation of this newsletter. I would like to thank all who have helped me in the process of preparing our third issue! Special thanks to Azad sir without whose constant support and guidance the branch could not have come this far.

An electronic copy of this newsletter is also available in the following website: ieee.bracu.ac.bd