IEEE BRAC University Student Branch 2015

IEEE BRAC University Student Branch started their journey in 2008. Professor AKM Abdul Malek Azad is the counselor of this branch. With his support and guidance, this branch has become so successful among other branches in Bangladesh. In previous years, EB members along with student members organized different events like seminar, technical talks, tours etc. This year (2105) EB members follow the guideline and made a year plan with full activities and they are implementing those activated in a proper way to make this year a successful one. This year, two additional post were added along with four post and they are editor and head of the volunteer respectively which are unofficial.

Special Words From Humaira Tabassum

Being the Chair of IEEE BRAC University Student Branch for 2015 was a reverence to me. I am entirely amazed to witness the dedication advancement of the fresh student members of IEEE and administrative body.

I would like to convey my good wishes for their future performance and also I would like to congratulate them for their further accomplishments.

I am looking for excellent upshot from this branch and it was a great pleasure to be a member of this branch.

Counselor: AKM Abdul Malek Azad (a.azad@ieee.org)
Chairperson: Humaira Tabassum (homo.sapiens.ht@gmail.com)
Vice-Chair: Shandee Rahman (shandee.rahman@gmail.com)
Secretary: A.S.M. Mishkat Hussain Chowdhury (mishkat91@hotmail.com)
Treasurer: Samira Siddiqua (samira.siddiqua@gmail.com)
Editor: Rumana Rafique (rumurafique@gmail.com)
Head of the Volunteer: Imtiaz Kalam Abir (imtiazkalamabir@gmail.com)

Inside this issue:
IEEE BRAC University Student Branch 2015 1
Special words from Humaira Tabassum 1
IEEE R10 Technical Seminar at BRAC University 2
First General Body Meeting, 2015 3
IEEE Campaign, 2015 3
IEEE Sight USA Approved Fund for CARG SIGHT (Bangladesh) Project “Solar Wheel Chair” 4
CARC Director Received the MGA Achievement Award 2015 4

Special points of interest:
- IEEE R10 Technical Seminar at BRAC University
- IEEE Campaign, 2015
- CARC Director Received the MGA Achievement Award 2015
- Special words from Humaira Tabassum and our Counselor AKM Abdul Malek Azad
IEEE R10 Technical Seminar

On 6th March 2015, IEEE Bangladesh section and IEEE BRAC university student branch arranged two prestigious seminars (IEEE R10 Technical and WIE Seminar) of IEEE R10 jointly and over two hundred students from different universities of Bangladesh gathered in BRAC University to join the seminars. The ‘IEEE Technical Seminar’ started with the opening remarks by Er K Ramakrishna, R10 Director.

At first, Dr. Toshio Fukuda, Professor, Beijing Institute of Technology, Beijing, China and immediate past Director IEEE R10 gave his speech on robotics and its application in medical science. Secondly, Dr. Lawrence Wong, Professor, NUS, Singapore; Vice-President MGA, IEEE, past Director IEEE R10 gave his speech on ‘Indoor localization’. Following that Dr. Janina Mazierska, Professor, James Cook University, Australia, Executive Committee Member, IEEE R10. She gave her speech on ‘Materials for electro technology and their microwave characterization’.

Closing Remarks were given by Dr. Sri Niwas Singh, R10 Conference and Technical Seminar Coordinator 2015 and Professor IIT Kanpur, India. Lastly, a wonderful thank you speech was given by Dr. Pran Kanai Saha, Past Chair, IEEE Bangladesh Section and Professor BUET. Besides, there was a question and answer session in the seminar. Our honorable guests were gifted with “Crests”.

The second seminar was conducted by Women in Engineering and the Speaker was Dr. Ramalatha Marimuthu (R10 Vice Chancellor of technical activities) on Women in Engineering. She talked about her journey as a woman engineer. Her inspiring speech encouraged the girls in the audience very much who are studying engineering. In this seminar, there was a question and answer session and our honorable guest was gifted by with a “Crest” by Dr. Celia Shahnaz (Associate professor of BUET), who was present in the seminar.
On April 1, 2015 the first general body meeting of IEEE BRAC university student branch was organized by new executive members. Our honorable teacher Professor Dr. A.K.M. Abdul Malek Azad (Counselor, IEEE BRAC University Student Branch) was present in the GBM. The meeting started with a small speech of the new chair Humaira Tabassum. The main focus of her speech was on an idea about IEEE. After that, the counselor Azad sir gave a speech about his journey in IEEE BRAC university student branch. He gave a brief idea about past seminars, tours that were held by previous executive members to the new members and encouraged the new them to go further so that IEEE BRAC University Student Branch would be in the highest position among other student branches in Bangladesh. One of the main parts of this meeting was giving certificate to the volunteers of IEEE R10 technical seminar that took place recently in BRAC University. Our honorable Azad sir handed over the certificates to the volunteers. The new executive members talked about their plans for the upcoming days and also laid out plans such as visits to different companies, seminars by distinguishes personnel, career fair, competitions etc. expecting a busy year ahead.

IEEE Campaign, 2015 at BRAC University

The day was 19th May, 2015 and IEEE BRAC University Student Branch carried out their IEEE Campaign 2015. The venue for the IEEE Campaign was the ground floor of Pacific Tower (building no. 03), BRAC University. The campaign commenced from 9 am and carried on till 5 pm. The main purpose of this demonstration was to encourage people to join IEEE. The executive members demonstrated the activities of the student branch through multimedia slide shows and videos. They distributed brochures about IEEE, describing its benefits among students and also the IEEE Kit they received from IEEE, USA. The response was noteworthy and 80 students signed up to be a part of IEEE and among them 50 students had already become IEEE student members. Besides that, IEEE BRAC University Student Branch gathered over 100 student members this year which is a record for this branch. In a nutshell, the campaign was a good way to interact with an assortment of students to share the idea about IEEE and hence this idea can be recommended for other student branches as well to recruit members.
IEEE SIGHT USA Approved Fund for CARG SIGHT (Bangladesh) Project “Solar Electric Wheel Chair”

The project “Solar Electric Wheelchair” conducted under Dr. A K M Abdul Malek Azad has got the approval of funding for CARG sight Bangladesh Project by the sight committee of IEEE USA. The group working on this project who has successfully made this solar wheelchair, are very content with this opportunity and are looking forward to a successful implementation of this project for the disabled people of the country through Centre for the Rehabilitation of the Paralysed (CRP). The wheelchair was tested by Valarie Taylor, who is the founder of CRP in Savar Bangladesh. She was very satisfied with the solar wheelchair made by the students of BRAC University.

A note from Faculty Advisor : AKM Abdul Malek Azad

IEEE BRACU SB has been active and dynamic branch, organizing various educational and motivating events like seminars, technical tours and workshops since 2008. Our effort is to inspire students to participate in events occurring both locally and internationally. This diversifies their knowledge and understanding of a particular subject. I have been serving as Counselor of IEEE BRACU SB since its foundation in 2008 and also serving IEEE BDS as “Educational Activity Coordinator” for 2015. Like previous years, this year has been witness to some exhilarating and successful activities from IEEE BRAC University Student Branch 2015. I would like to congratulate the whole team on their diligent work and determination.

I have hope that the next year 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 fourth issue of IEEE BRAC University Student Branch’s very own Newsletter! Enjoy.

To contribute to the next issue please send your articles to:

Anika Iqbal (anikaiqbal0312@gmail.com)

And a CC either: Fatin Farhan Haque (haque.fatin@gmail.com)

Or Fairooz Zafar (fairooz.zafar@gmail.com)

From the Editor: Rumana Rafique

First of all thanks to Azad sir, for giving me the opportunity to become the editor of this branch. From inauguration of the newsletter in 2011, this branch is hoping to keep the tradition of newsletter and publish more newsletters in the upcoming years. I hope you will enjoy the issue as much you enjoyed the previous ones. I am thankful to Ms. Tasfia Rahman and Ms. Ahmed Hosne Zenan for their contribution in previous year’s newsletters. I wish this branch will be spontaneous and performed various activities like this and previous years.

Website of the electronic copy of the newsletter: ieee.bracu.ac.bd

CARC Director Received the MGA Achievement Award 2015

A remarkable accomplishment was the 2015 MGA Achievement Award which was received by Dr. A K M Abdul Malek Azad, professor in the department of Electrical and Electronic Engineering at BRAC University. On 23rd November 2015, he received the congratulatory letter from IEEE Member and Geographic Activities (MGA) for being selected as the receiver of the MGA Achievement Award 2015. The award consists of a prize money of $250 and a plaque. This award has been an acknowledgement for his numerous contributions in initiating and leading the successful IEEE volunteer-led project in Bangladesh. This project has helped throughout Bangladesh to solve the problem of electricity by introducing hybrid solar rickshaw technology to the local manufacturing industry. He is also the founder of Control and Applications Research Centre (CARC) under EEE department of BRAC University and has inaugurated various collaborated programs. Moreover, he is the Educational Activities Coordinator, an executive committee member of IEEE Bangladesh Section as well as the founder and counselor for the IEEE Student Branch at BRACU.