

Don Bosco Inst of Tech ACM Student Chapter - Reporting Year 2015

Section 1 - Member Information

Total Number of Chapter Members - Student	97
Total Number of Chapter Members - Professional	0
Number who are ACM Members:	3
Next Election Date:	01-Jul-2021

Section 2 - Meetings and Recent Activities

Number of general meetings in the 2014-2015 program year	2
Average meeting attendance	20

1. Photoshop Workshop

Number in Attendance: 77

Cost of General Admission: 20.00

Cost to Chapter: 400.00

Abstract: A total of 77 students from various streams and years participated in the workshop. The workshop started with the introduction of the Photoshop workspace. The tools in the toolbar were also explained to the participants. Then a hands-on experience was given to the participants in photo-manipulation and beautification. The participants also made a minimal poster themselves and learnt a few tricks of editing their images. The workshop was conducted by Yogesh Maurya and Alson D Souza from BE Comps.

Start: 06-Aug-2014

End: 06-Aug-2014

2. PC Assembly Workshop

Number in Attendance: 88

Cost of General Admission: 20.00

Cost to Chapter: 180.00

Abstract: The first workshop of the year, the students were instructed about the developments in the PC technologies. A hands-on experience was given to the participants regarding the fittings in a PC. Also basic theory about the various components of a PC and their gradual improvements were highlighted during the workshop. The students were then asked to assemble an entire PC on their own in groups to ensure they grasped maximum information from the workshop. The workshop was conducted by Nikhil Sharma from BE Comps.

Start: 07-Aug-2014

End: 11-Aug-2014

3. Java Workshop

Number in Attendance: 51

Cost of General Admission: 30.00

Cost to Chapter: 750.00

Abstract: The workshop aimed at teaching basics of java to the participants. Java is one of the powerful higher level programming language and very useful from a programmer's point of view. The following topics were covered in the workshop: Basic syntax, declaration of variables, control structures like for loop and while loop, inheritance, interfaces, packages. Also basics of applet programming were taught to the participants. Conducted by Kartik Rajagopalan and Aaron Pereria, B.E. Comps.

Start: 11-Sep-2014

End: 18-Sep-2014

4. Python Workshop

Number in Attendance: 45

Cost of General Admission: 20.00

Cost to Chapter: 720.00

Abstract: Conducted by Jacques Fernandes (SE COMPS) and Yogesh Maurya (BE COMPS), Python is a widely used general-purpose high level programming language and its syntax allows programmers to express concepts in fewer lines of code. Python supports multiple programming paradigms including object oriented, imperative or functional. The workshop was divided into two parts the first covered the basic syntax and rules in coding with python. Basic programs were also implemented. The second part aimed at the applications, where the students were given a brief course in using python for file handling and networking. This workshop gave a short yet wide exposure to python which is a growing programming language in the tech industry and is being adopted by the like of Google, Yahoo, etc.

Start: 23-Sep-2014

End: 25-Sep-2014

5. HTML, CSS, JS Workshop

Number in Attendance: 51

Cost of General Admission: 20.00

Cost to Chapter: 280.00

Abstract: The workshop was conducted by Vijay Yadav (BE COMPS), Madhumita Chatterjee, Reuben Mathew and Gloria Nazereth (TE COMPS). This workshop in a nutshell was a complete front-end course in website designing spread across 3 days. The 3 days were given to teaching HTML, CSS and JS respectively. HTML was taught as a base for the whole web site structure as it is still the most popular language for designing web pages along with other tools and languages. The students were introduced to 'tags', 'forms', 'lists' and other such topics. They were shown how to embed scripts and codes from other languages as well as how to create an interactive text portions. Ever since CSS came into the picture, designing of the web pages have become modular and super simplified. CSS allows designers to create separate portion or file just for the design and look of the page and then reuse it for other pages. The students were shown how the tags can be used to assign styles, and separating similar tags with the help of 'id's. It is almost impossible to create a good website without interactive elements, and JavaScript (JS) is the most popular scripting language to accomplish this. They were shown how JS follows similar rules to other basic programming languages and their rules like decision making, looping, etc. Also they were taught how to connect HTML elements to JS code.

Start: 12-Jan-2015

End: 16-Jan-2015

6. Teknack 15

Number in Attendance: 821

Cost of General Admission: 40.00

Cost to Chapter: 56080.00

Abstract: Teknack is an annual two day online inter-college festival organized by the Association of Computer Machinery (ACM) Student Chapter of Don Bosco Institute of Technology, Kurla. The event encourages undergraduate students to tap into their technical and creative genius by providing them with a common platform to exhibit their talents in a competitive environment. The fest is completely online with about 1000 plus unique visitors from across the nation and beyond. The entire event was ingeniously coded by the students of ACM-DBIT

Start: 21-Feb-2015

End: 22-Feb-2015

7. PHP and MySQL Workshop

Number in Attendance: 35

Cost of General Admission: 20.00

Cost to Chapter: 0

Abstract: Conducted by: Rudraprasad Das and Roshan (TE COMPS) Proceeding the the course on front-end web page designing, this workshop aimed to make the students a complete web developer who could handle both front and back-end. PHP is opensource and the most popular server-side scripting language. It is used by top companies all around the world and provides a secure environment. The attendees were taught how easy it is to embed PHP code within a HTML file, and how data can be sent and recieved through different pages. They were also introduced to how cache can be used to make the page load and perform faster. MySQL is another opensource database management system, that uses simple sentences to store data in the form of tables. They were taught how to create and modify tables, and insert data in them. They were also shown how different tables can be connected and used all together to get certain information. Different functions and commands were taught to them like the feature of creating users and setting privileges that make MySQL an easy to use and handle Database Management System.

Start: 03-Mar-2015

End: 05-Mar-2015

8. Joomla Workshop

Number in Attendance: 25

Cost of General Admission: 20.00

Cost to Chapter: 0

Abstract: Conducted by: Amit Inamdar (TE COMPS) and Vicky Fernandes (BE IT) Coding a web site from ground up can be tedious task and can take a very long time, hence CMSs came up that make website building child's play without much of coding. Joomla is one such CMS that is used by the likes of Facebook. It takes care of nifty bits of the web-site building process and gives the developer the power to concentrate on the bigger decisions. Joomla provides you with a platfrom containing PHP, MySQL and JS support. Pages can easily be created and data can be easily be stored. The students were taken through the process of installation of Joomla onto the servers and the basic setups and configs. After this they were taught how one can create pages and menus by just few clicks, and how they can easily select which data goes in which table. The outcome of this workshop was that the students could now build a website single handedly and all could be done in a comparatively short span of time.

Start: 12-Mar-2015

End: 12-Mar-2015

9. GRE Preparation Talks

Number in Attendance: 15

Cost of General Admission: 0

Cost to Chapter: 0

Abstract: An enlightening discussion regarding the various avenues in higher education post BE, was conducted by Satej Sawant and Rahul Divekar (BE Comps.) was conducted. The juniors were told about the Graduate Record Examination (GRE) which is the examination which needs to be given for doing Masters from the USA and the timeline which needs to be followed as far as the preparations and formalities regarding the examination are concerned. This was the concluding activity by ACMDBIT for the year 2014-15.

Start: 19-Mar-2015

End: 19-Mar-2015

Section 3 - Upcoming Activities

1. First Meeting 2015-16

Abstract: First meeting to discuss activities in the coming year.

Start: 15-Jul-2015

End: 15-Jul-2015

2. ACM Meeting

Abstract: 1. A presentation and videos to be shown in every class as a part of the publicity. 2. Posters for ACM registration are also to be made for the publicity drive. 3. Synchrony meet as a major event was discussed. 4. The members were told to brainstorm for another major event this semester. The ideas that were discussed for the same were interview-training along with mock interviews and talks on start-up Companies. 5. Other minor events, design competitions and workshops along with industrial visits were also discussed.

Start: 21-Jul-2015

End: 21-Jul-2015

3. PC Assembly

Abstract: Roshan Lasrado (BE Computers) and Akash Gund (TE Computers) led the workshop by explaining the components and the volunteers explained their team with a CPU Unit to give the students a hands on experience. The components of the CPU were divided and explained by Roshan Lasrado and Akash Gund. Once the components were described, the ADT members were asked to step aside and let their teams assemble the CPU all by themselves. Incentives were given to the first two groups who could assemble the CPU in the least time.

Start: 31-Jul-2015

End: 05-Aug-2015

4. Photography

Abstract: Shawn Rego led the workshop by enlightening the students on the basics of photography with real life examples. The factors of photography like Lines, Depth of Field, Texture, Symmetry, Pattern, Focus, Aperture and Composition were discussed. Shawn spoke about how different environments should be considered while using different features. Later, another student was requested to share his experiences of using a DSLR camera. Finally, the students were divided into groups and were given hands on experience of using the camera in the correct way and were given guidance on how to use it right.

Start: 13-Aug-2015

End: 13-Aug-2015

5. HTML

Abstract: Rosmariya Vincent (TE Comps) led the workshop by enlightening the student on the basics of HTML. The factors explained were Text formatting, Links, Images, Hyperlinks, Tags, Attributes, Tables and Forms. The output of each line of code was demonstrated. Finally the students were asked to make form inside a table in the form of competition. Incentive was given to Glen Martin (SE Comps) for winning this competition.

Start: 18-Sep-2015

End: 18-Sep-2015

6. Photoshop

Abstract: Brandon D'cunha led the workshop on day 1 and he taught the students the basics of photoshop along with the simple tools and techniques used. Yogesh Maurya (Ex Student of Computer Department) led the workshop by enlightening the students on the necessary theories of photoshop with real life examples. Yogesh explained how different tools are used to different features, which effects should be used under what conditions and described the process of making an edited picture look real. Later each of the different effects of the tools were demonstrated and used. Finally, the students were given hands on experience of using the photshop tools on the pictures provided to them in the correct way and were given guidance on how to use them right.

Start: 25-Sep-2015

End: 26-Sep-2015

7. Teknack 2016 meeting

Abstract: Agenda for the Meeting was to finalize the theme for Teknack 16 and plan the structure of the event. The meeting was initiated by the members giving various ideas for the theme. Some of the ideas mentioned were: Elements of nature Back to school Post-apocalypse It was decided that the theme should be something that was relatable add/or gave a message. A discussion was done on all the themes given. The interviews for technical and design team was decided to begin from 17th December, 2015. The events to be included in Teknack 16 were discussed with the idea of developing new events along with the ones already present. Post-apocalypse was finalized as the theme of Teknack 16. The theme serves in some ways as a warning, trying to stave off the self-incurred annihilation of our species.

Start: 15-Dec-2015

End: 15-Dec-2015

8. Wordpress

Abstract: Akash Gund led the workshop by enlightening the students on the necessary theories of Wordpress. The aspects of Wordpress discussed were Basic Layout, Posts and Tags, Image Links, Formatting Posts, Scheduling Posts, Creation of Wordpress page, Installing Themes, Introduction about plugins and Adding links and images links on pages/posts. Akash explained how different tools and features are used to create website or blogs and described the process of making a website look beautiful. Later each of the different effects of the tools were demonstrated and used. Finally, the students were given hands on experience of using the wordpress tools provided to them in the correct way and were given guidance on how to use them right to make websites.

Start: 02-Feb-2016

End: 02-Feb-2016

9. Teknack 2016

Abstract: Teknack is an annual two day online inter-college festival organized by the Association of Computer Machinery (ACM) Student Chapter of Don Bosco Institute of Technology, Kurla. The event encourages undergraduate students to tap into their technical and creative genius by providing them with a common platform to exhibit their talents in a competitive environment. The fest is completely online with about 1000 plus unique visitors from across the nation and beyond. The entire event was ingeniously coded by the students of

Start: 13-Feb-2016

End: 14-Feb-2016

10. PROFECTUS-16

Abstract: The Computer Department of DBIT planned Profectus-16 which included two main events mock-interview and the poster competition. The main objective was to introduce the entire concept of the recruitment process and to let the BE students to display their project ideas. The highlight of the first day was the aptitude test and the group discussion. A panel of teachers were assigned to conduct the group discussion after which they shared their advices and gave tips to the students to enhance their communication skills. The second day began with an interactive meeting at 9:30am between the Director, Principal and the Industrialists. The next part of the event was personal Interview After the interviews concluded, all the students and industrialists gathered at the Mondini Hall, where each industrialists shared their experience and gave tips for further improvements. The next part was the poster competition by the BE students. Few groups presented their ideas followed by a short Question and answer round then all the groups displayed their posters. The judges went around evaluating the posters individually. Profectus-16 came to an end with the prize distribution ceremony where the highest aptitude scorer, best resume, best personal interview and top 3 posters were given medals and certificates.

Start: 08-Mar-2016

End: 09-Mar-2016

Section 4 - Authorization & Signatures

Comments and Remarks: No comments or remarks

I hereby certify that the above information has been examined by me and to the best of my knowledge I believe that it is true, correct, and complete, and made in good faith for the fiscal year stated.

Authorizing Officer: Satej Sawant - Chair

Section 5 - Finalize Report

The 2015 Report has been finalized.