Don Bosco Inst of Tech ACM Student Chapter - Reporting Year 2014

Section 1 - Basic Finances & Census

Total Number of Chapter Members - Student	7 1
Total Number of Chapter Members - Professional	0
Number who are ACM Members:	3
Student Chapter Member Fee:	0
Professional Chapter Member Fee:	0
Currency:	Indian Rupee

(Use this currency for all financial figures)

Next Election Date: July 2015

Chapter Bank Accounts

No Bank Accounts Listed

Section 2 - Cash & Disbursements

Fiscal year 2014 (July 1, 2013 to June 30, 2014)

Opening Balance: 0.00
(total of all bank accounts and cash on hand as of July 1, 2013)

Total Cash Receipts: 0.00
(revenue)

Total Cash Disbursements: 0.00
(expenses)

Ending Balance: 0.00
(total of all bank accounts and cash on hand as of June 30, 2014)

Has your chapter had gross revenue of $25,000 or more?   NO

Section 3 - Meetings & Recent Activities

Number of general meetings in the 2013-2014 program year	1
Average meeting attendance	2 0

1. Ethical hacking and Backtrack workshop
Number in Attendance: 62
Cost of General Admission: 10.00

Cost to Chapter: 0

Abstract: Backtrack being the highest rated and acclaimed security distribution to date that provides users with easy access to comprehensive and large collection of security-related tools ranging from port scanners to security audit, enthused the students even before the workshop began. The publicity of the event was so well done that the number of students who turned up was too high for us to even accommodate them. And so the decision of conducting one more workshop was taken to make sure that no one was disappointed. The workshop targeted the following concepts: -Information gathering -Data sniffers. -Social engineering attacks. -Metasploit. -Wireshark -Demonstration on actually getting control of another PC in the LAN.

Start: 01-Aug-2013
End: 01-Aug-2013

2. Workshop on Photography
Number in Attendance: 17
Cost of General Admission: 10.00
Cost to Chapter: 0

Abstract: The main objective of the workshop was to make the students learn the art of photography and how to click pictures with more precision by taking care of every minor part of an image. The workshop started with a brief introduction on The Basics of Photography and was followed by a session on Software to Simulate a DSLR camera and Lightroom (to edit pictures). Photography is a unique and powerful medium of expression and communication, offers an infinite variety of perception, interpretation and execution. Basically the word Photography is derives from two ancient Greek words: Photo for Light and Graph for Drawing. It is an authentic medium for staging the reality and for communication that expresses and to explain without any linguistic hurdle. The workshop targeted the following concepts: -Basics of Photography -Digital SLR Simulation -Adobe Lightroom -Picture reviews The workshop formed a base for the next workshop which is Photoshop, where the students can edit images which were clicked during this workshop.

Start: 06-Aug-2013
End: 06-Aug-2013

3. Industrial Visit
Number in Attendance: 44
Cost of General Admission: 450.00
Cost to Chapter: 0

Abstract: The students got a tour of the Volkswagen manufacturing unit at Chakan, Pune. It was a student-industry interaction event where the students witnessed the car assembly line in action.

Start: 08-Aug-2013
End: 08-Aug-2013

4. Workshop on Photoshop

Number in Attendance: 17

Cost of General Admission: 10.00

Cost to Chapter: 0

Abstract: Adobe Photoshop has been called the Swiss army knife of multimedia applications. It is useful for a number of projects such as animation, photo editing, graphic design, web design, poster design and much more. The workshop was conducted by Neha Natarajan from BE Comps. The ACM Core assisted her in conducting the workshop. Two levels of workshops, Adobe Photoshop: The Basics and Adobe Photoshop: Advanced, were offered. Adobe Photoshop: The Basics workshop held on 20th little or no experience with Photoshop and wanted to learn the basics. The session started with an introduction to Photoshop and other such tools for developing posters and banners. This workshop was designed to help them design posters and edit them. Adobe Photoshop: Advanced held on 22nd the next level. It covered editing pictures and other fundamental workings of the software. They were taught different aspects of Photoshop which can be used in a variety of ways.

Start: 20-Aug-2013
End: 22-Aug-2013

5. Web-o-Mania Series

Number in Attendance: 40

Cost of General Admission: 10.00

Cost to Chapter: 0

Abstract: Day 1 : HTML Conducted by :Satej Sawant(TE COMPS) Venue : IBM Lab, 2nd Time : 5pm   7pm. HTML elements form the building blocks of all websites. HTML allows images and objects to be embedded and can be used to create interactive forms. It provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. It can embed scripts written in languages such as JavaScript which affect the behavior of HTML web pages. The following topics were covered : ª Tags ª Lists ª Forms ª Block Tags ª HTML 5 Day 2 : CSS Conducted by : Ajinkya Powale (BE COMPS) Venue : IBM Lab, 2nd Time : 5pm 7pm. Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation semantics (the look and formatting) of a document written in a markup language. Its most common application is to style web pages written in HTML and XHTML, but the language can also be applied to any kind of XML document, including plain XML, SVG and XUL. Topics covered : ª CSS Syntax ª Selectors ª CSS3 Day 3 : Javascript Conducted by : Piyush Lodaya (BE COMPS) Venue : IBM Lab, 2nd Time : 5pm   7pm. Javascript is used for making

webpages, making animation programs, making animations, and much more. Almost anything from changing background colors to multiplayer games can be create. Topics covered: ª Basics ª Tags ª Objects ª HTML Objects Day 4 : PHP Conducted by : Piyush Lodaya and Prashant Yadav(BE COMPS) Venue : Comp Lab 2, 2nd Time : 5pm   7pm. PHP is a server-side scripting language designed for web development but also used as a general-purpose programming language. PHP commands can be embedded directly into an HTML source document rather than calling an external file to process data. Topics covered: ª Basics ª Variables ª Loops ª Forms ª Connecting to a database ª Insert into a database Day 5 and 6: Wordpress (Basic and Advanced) Conducted by : Ajit Varghese(BE COMPS) Venue : IBM Lab, 2nd Time : 5pm   7pm. WordPress is a free and open source blogging tool and a content management system (CMS) based on PHP and MySQL which runs on a web hosting service. Features include a plug-in architecture and a template system. WordPress is used by over 18.9% of the top 10 million websites as of August 2013. WordPress is currently the most popular blogging system being used on the Web, powering over 60 million websites worldwide. Topics covered : ª Basics ª WordPress Semantics

Start: 12-Sep-2013

End: 30-Sep-2013

6. Entrepreneurship workshop

Number in Attendance: 20

Cost of General Admission: 0

Cost to Chapter: 0

Abstract: The workshop aims at providing comprehensive business and entrepreneurship training to young adults helping them to generate ideas that could culminate into a business venture, it also helps in generating a teamwork spirit as participants work in groups. The workshop was conducted with the help from professionals from i-Create India.

Start: 28-Sep-2013

End: 06-Oct-2013

7. Synchrony meet

Number in Attendance: 300

Cost of General Admission: 0

Cost to Chapter: 0

Abstract: What was in for the students ahead of these talks was a panel discussion on Skills Engineering Graduates Require for Success - An alumni perspective. A very apt topic, given the current shaky economy and the upcoming placement season, was pondered upon for about more than an hour and discussed upright with the students. And who could've done this better than such well accomplished people who sat in the same benches just a few years ago!

Start: 03-Oct-2013
End: 03-Oct-2013

8. Advanced ethical hacking workshop
Number in Attendance: 30
Cost of General Admission: 10.00
Cost to Chapter: 0

Abstract: A workshop to show how vulnerable web based systems can be and how one must take precautions to keep their systems safe.

Start: 08-Oct-2013
End: 08-Oct-2013

9. Adobe Indesign
Number in Attendance: 15
Cost of General Admission: 10.00
Cost to Chapter: 0

Abstract: Workshop on creating content using indesing

Start: 11-Jan-2014
End: 11-Jan-2014

10. Refractus
Number in Attendance: 350
Cost of General Admission: 0
Cost to Chapter: 0

Abstract: 'Refractus Iridescence of ideas is a 4 day program with a project exposition happening on day. The student interaction with Edith Cowen University, Australia also included cultural activities and panel discussions.

Start: 03-Feb-2014
End: 14-Feb-2014

11. Teknack'14
Number in Attendance: 700
Cost of General Admission: 30.00
Cost to Chapter: 49792.00

Abstract: The second half of the year started with quite a bang with the online Inter- collegiate festival of Teknack. ACM-DBIT came up with this unique idea of taking college festivals to peoples' laptops a few years ago and this year they took it to yet another level with multi-player games such as Chain Reaction and Virtual Stock Market going live. Also amongst these, were other games like camouflage, Online Treasure Hunt and a few others. The uniqueness of this festival comes with the fact that all of these games are coded by the the students of Don Bosco Institute of Technology. This is what makes it a fun and a learning experience   close enough to working on a live project viewed by thousands. Through this festival, ACM conducted several workshops for the developers who would then be working on the project. The topics covered under this were HTML, CSS, PHP-MySQL, Coding standards, etc.

Start: 15-Feb-2014

End: 16-Aug-2014

12. Opencart workshop

Number in Attendance: 5

Cost of General Admission: 10.00

Cost to Chapter: 0

Abstract: A workshop on an opensource e-commerce portal building system opencart.

Start: 11-Mar-2014

End: 11-Mar-2014

13. Adobe Premier Pro workshop

Number in Attendance: 20

Cost of General Admission: 10.00

Cost to Chapter: 0

Abstract: Workshop conducted to make the students familiar with a video editting software   adobe premier pro

Start: 12-Mar-2014

End: 12-Mar-2014

14. Opensource and Linux workshop

Number in Attendance: 15

Cost of General Admission: 50.00

Cost to Chapter: 0

Abstract: This aim of this workshop was to create awareness about opensource technologies and operating systems such as Ubuntu. This workshop was held in collaboration with the ACM chapter of Vidyalankar Institute of Technology (VIT) and was held on their campus.

Start: 15-Mar-2014
End: 15-Mar-2014

Section 4 - Upcoming Activities

1. Photoshop Workshop

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

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

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

Abstract: Conducted by Jacques Fernandes (SE COMPS) and Yogesh Maurya (BE COMPS), Python is a widely used general-purpose high level programming language and it's syntax allows programmers to express concepts in fewer lines of code. Python supports multiple programming paradimns 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

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 at it is the still the most popular languade 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 seperating 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 languade 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

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

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

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 withouth 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

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 5 - 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 6 - Finalize Report

The 2014 Report has NOT been finalized.