

## IT/CS Department Activity Report (1<sup>st</sup> Term) For A.Y. 2017-18

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### #1 SEMINAR ON ETHICAL HACKING (*1<sup>ST</sup> AUGUST 2017*)

The explosive growth of the Internet has brought many good things: electronic commerce, easy access to vast stores of reference material, collaborative computing, e-mail, and new avenues for advertising and information distribution, to name a few. Ethical hacking also known as penetration testing or white-hat hacking, involves the same tools, tricks, and techniques that hackers use, but with one major difference that Ethical hacking is legal. A live demonstration was shown to students. It was attended by the students of S.Y.BSc.IT and T.Y.BSc.CS class.



#### **Content of the Seminar for Ethical Hacking**

- Introduction
- Ethical Hacking
- Hackers
- Types of Hackers
- Hacking Process
- Why do We need Ethical Hacking
- Required Skills of an Ethical Hacker

### #2 HANDS-ON WORKSHOP ON SELENIUM (*4<sup>TH</sup> AUGUST 2017*)

SELENIUM is the tool you use to develop your selenium test cases. It is an easy to use Firefox plug-in and is generally the most efficient way to develop test cases. The hands-on-workshop was attended by T.Y.BSc.IT students. It is part of the curriculum in BSc.IT syllabus in the third year.



### #3 ORIENTATION PROGRAM (9<sup>TH</sup> AUGUST 2017)

Starting college can cause much anxiety in the heart of a new college student because of all the unknowns- Will I make any friends? How will I find all of my classes? Whom do I ask if I have a question. Prior to the beginning of classes, students were given an overview of the complete realm of college campus life, from academics to social activities.

Students learned about the various student organizations in which they can be involved.

The program started with welcome speech by Prof. Zubeda Khan and Prof. Sai Geetha Rani who are class teachers of F.Y.BSc.IT which was followed by introduction of both the HOD's of BSc.IT and BSc.CS courses -Prof. Vidula Kulkarni and Prof. Smita Negi.

The program witnessed welcoming of Principal of Degree college Prof. RaoSaheb Shinde. Principal emphasized on the code of conduct in college premises and wished students a remarkable and fulfilling experience at college. A glimpse of all social and extra-curricular activities was shared with the help of presentation slides by Prof. Rohini Inamdar. Examination related information was also shared. The program was attended by a gathering of 120 students. Finally vote of thanks was given by Prof. Siddhesh Palkar and Prof. Tasneem Musherif.



#### #4 SEMINAR ON RED HAT LINUX (*9<sup>TH</sup> AUGUST 2017*)

The seminar was conducted for T.Y.BSc.IT students. The Objective of the seminar was to:

- Bridging gap between the industry requirements and the university syllabus.
- To provide know how of latest technology.
- To Provide Career Counseling
- To make student ready to use on job professional
- To open employment opportunities

#### #5 SEMINAR ON FOSS (*10<sup>TH</sup> AUGUST 2017*)

Free and open source software gives the user the freedom to use, copy, distribute, examine, change and improve the software. These rights are stipulated in licenses. Development takes place within the form of projects, and those who participate are mostly professional software developers who either take part on paid time with the permission of their employer, or on their own time. Many large suppliers (IBM, HP, Sun, etc) use free and open source software in their own products and solutions and also contribute with their own resources in the various projects. Free and open source software entails a new kind of competition, separated from that of traditional business in that the product generally is not owned by any single company and therefore cannot be purchased of the market. Furthermore, the software itself is not constricted by any cost or fee. It can be obtained free of charge on the Internet.

The seminar was attended by all first year students.

#### #6 SEMINAR ON ANDROID (*12<sup>TH</sup> AUGUST 2017*)

The seminar was attended by S.Y.BSc.IT and T.Y.BSc.CS students. The program covered introduction to android, android as a platform and software development in android.

#### #7 SEMINAR ON SOFTSKILLS (*16<sup>TH</sup> AUGUST 2017*)

The seminar was attended by students of Third Year classes. Students were made aware of the importance of soft-skills. The speaker emphasized on how Soft skills relate to ones attitudes and ones intuitions. It is more personality-driven therefore it is important to consider what ones soft skills are and how one can show evidence of them before applying for a job. This is particularly true of the recruitment process for graduate programmes, Being able to demonstrate your soft skills equates to demonstrating great potential to succeed and progress in the career of your choice. They are equally important when it comes to *interacting with colleagues*. Employers value soft skills because they enable people to function and thrive in teams and in organisations as a whole.

