SKN SINHGAD COLLEGE OF ENGINEERING

Department of Computer Science & Engineering

An ACSES is the Association of Computer Science & Engineering Students, which was established in year 2012 with the spirit to spread technology of Silicon Valley at its easiest way. The main objective of the association is to provide a well platform for Computer Engineering Students where they face different level of Competition and also give them chance to show their talent.

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Technozeal 2K16

We are very pleased to present the report on technical event TechnoZeal – 2k16, held on 19th March 2016. Technozeal-2k16is a University level Technical event held under the ACSES. ACSES has provided a well platform for Computer Engineering Students where they face different level of Competition and also have a chance to show their talent.

It has been started in 2012-2013 on the auspicious occasion of engineer's day. In each semester with grand success, completed events like Code Storm, CQuest, ETreasurehunt, WebCreata, and GameBattle and many more.

Information of "TechnoZeal 2K16"

Under TechnoZeal 2K16 we have conducted 5 different events which are as follows:

CODESTORM(Open Book 'C' Programming Contest).

C-QUEST (Online C Quiz Contest)

GAMEBATTLE

NFS MW

Counter Strike

WEBCREATA(Website Designing Contest)

OOMD & Star UML Workshop

With full enthusiasm one day workshop on

One Day Workshop on OOMD & Star UML

OOMD using Star UML was organized by CSE department of Sinhgad College of Engineering, Korti, Pandharpur.

The workshop was started by speech of Prof.A.A.Rajguru,HOD-CSE, SKNSCOE who encouraged students for active participation in the workshop with Importance of such workshops in the curriculum.

After that Prof. Somnath Thigale took the charge and started workshop.

The purpose is to give introduction of Software Design process with help Unified Modeling Language (UML) to students, so that they can prepare their Project Design Report and perform Foreword software Engineering process.

Students were provided complete kit containing workshop presentation slides, Notes, Problem

Hadoop

This was the three days' workshop held on 4th to 6th March 2016, conducted by a Mentor Mr. Ravish Rajput for Third year and Final year students. In this workshop students were introduced to Hadoop and Big Data concepts. A hands-on training

Three Days Hadoop Workshop

was provided form the basic level of Hadoop installation and many more. The genesis of Hadoop came from the Google File System paper that was published in October 2003. This paper spawned another research paper from Google – MapReduce: Simplified Data Processing on Large Clusters. Development started on the project, but was moved to the new Hadoop subproject in January 2006. Doug Cutting, who was working at Yahoo! at the time, named it after his son's toy elephant. The initial code that

was factored out of Nutch consisted of 5k lines of code for NDFS and 6k lines of code for MapReduce.

Hadoop consists of the *Hadoop Common* package, which provides file system and OS level abstractions, a MapReduce engine (either MapReduce/MR1 or YARN/MR2) and the Hadoop Distributed File System (HDFS). The Hadoop Common package contains the necessary Java ARchive (JAR) files and scripts needed to start Hadoop.

Android Workshop

Android workshop was taken by Prof.B.M.Kore throughout the Academic year 2015-2016(Sem-II) for Third year students. In this students were made introduced to Android technology which is the No.1 technology in the market. And hence students were also encouraged to do the Mini projects in Android. Android was built from the ground-up to enable developers to create compelling mobile applications that take full advantage of all a handset has to offer. It was built to be truly open. For example, an application can call upon any of the phone's core functionality such as making calls, sending text messages, or using the camera, allowing developers to create richer and more cohesive experiences for users. Android is built on the open Linux Kernel. Furthermore, it utilizes a custom virtual machine that was designed to optimize memory and hardware resources in a mobile environment. Android is open source

Digital Rangoli Competition

In the sequence of events held as part of WOMENS DAY organized by Depatment of Computer Science & Engg. SKNSCOE Korti Pandharpur Rangoli competitions were organized on 8 th March. Topics related to environment and wildlife were given to participants who had to present their views in 5 minutes by digital rangoli. Beautiful Rangolis, around theme of 'Colorful World of Birds' was appreciated by all faculties along with principal & campus director of SKNSCOE Dr. K. J. Karande.

Sayonara 2k16

Software Testing & QTP

This was the two days' workshop held on 23rd to 24th March 2016, and

conducted by Prof.S.B.Thigale and Prof. Patil for Final year students. This workshop was an introduction to Automated Software testing tools like QTP and Selenium which is very useful for getting introduced to Testing world. It is a systematic process to determine how the actual testing process is conducted within an organization or a team. Generally, it is an independent examination of processes involved during the testing of a software. As per IEEE, it is a review of documented processes that organizations implement and follow. Types of audit include Legal Compliance Audit, Internal Audit, and System Audit. It is a formal technique that involves formal or informal technical reviews of any artifact by identifying any error or gap. As per IEEE94, inspection is a formal evaluation technique in which software requirements, designs, or codes are examined in detail by a person or a group other than the author to detect faults, violations of development standards, and other problems.