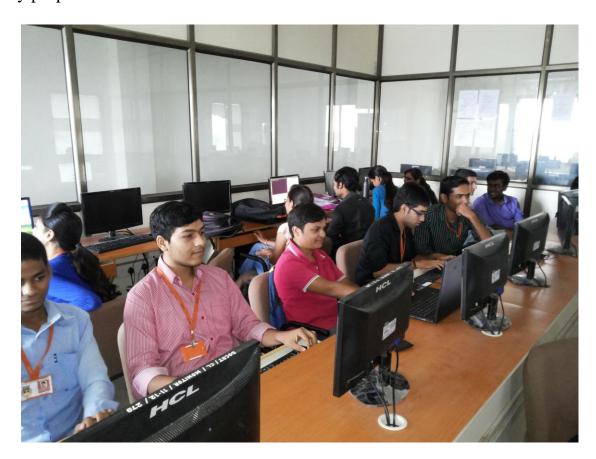# SILVER OAK COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER ENGINEERING

Report regarding workshop on " Linux"

Date: - 13/09/2014

A workshop on Linux, was organized by Department of Computer Engineering under S4 Extension Center on 30th August 2014 for 5th sem students. The basic idea behind this workshop was to give over view of shell scripting and how Linux is working and its security purpose.

Objectives.
- What is Linux?
- Debian project and Debian base OS like Ubuntu.
- Linux security.
- Linux VS UNIX.
- How to install program in Linux.
- Root user and groups.
- Basic Linux commands.

- What is kernel and shell?
- Shell scripting.
- Creating .sh file.

Linux is one of popular version of UNIX operating System. It is open source as its source code is freely available. It is free to use. Linux was designed considering UNIX compatibility. Its functionality list is quite similar to that of UNIX.

Linux is already successful on many different kinds of devices, but there are also many technological areas where Linux is moving towards, even as desktop and server development continues to grow faster than any other operating system today.

It was combine effort of Mr. Richard Sonaliya and Mr. Pushkar Jha of computer department to make it success. The targeted audience were of 5thsem. The basic idea to organize this workshop was to give idea about Linux and its security benefits to use this knowledge in their mini project implementation. It was great success, 30 students registered for the workshop out of which 25 student were present.