



**Sandip Foundation's
Sandip Institute of Technology and Reserach Centre, Nashik
Department of Computer Engineering**

Activity Report

Of

Motivational Talk

On

“Open Source Technology”

(18th August 2017)

Organized by,

Sandip Foundation's

**Sandip Institute of Technology and Research
Centre**

**Department of Computer
Engineering**

Name of Event :

Motivational talk on “Open Source Technology”

Date :

18th August 2017

Duration :

One Day (2 Hrs)

Resource Person :

Mr. Ajinkya Nikam

Address :

RedHat Pvt Ltd, Pune

Event Coordinators:

Prof. Rakesh S. Shirsath

Participants :

TE & BE Comp (285)

Venue:

Computer Department

Aim:

To teach the students the principles of open source technology, benefits of open source, and the product that includes permission to use its source code, design documents, or contents.

Objectives :

The objective is to teach the students the principles of open Source techno, benefits of open source, and the product that includes permission to use its source code, design documents, or contents. The students will also study and understand the different open source licenses and how to start an open source project.

Reasons to Use open source technology

1. Better Quality Code.

80% of open software users chose to do so [based on quality](#). Removing company boundaries and allowing any developer to participate, debate, compromise and inspire each other is why code written in open source communities is of higher quality and doesn't degrade in quality over time.

2. Rapid Innovation

Imagine being able to roll out services and products without worrying about the network. Having more control of your network via open SDN means you can innovate independently of hardware and software. Your ability to build new products or services increases dramatically to focus on what matters most. Companies get involved in collaborative software development to advance business objectives and to benefit from industry innovation.

3. Security

Although security may have once been viewed as a weakness for open software, it certainly is not today. In the [2014 Future of Open Source - 8th Annual Survey](#), 72% said they specifically chose open source because of security. This has to do with the transparency of open source as well as the scrutiny it receives from all its users.

4. Community

Open source has the power to build communities of people who believe in the technologies and are passionate about seeing them come to light. The many are smarter than the few—anyone can participate regardless of affiliation, adding to the collective brain trust to overcome an industry's toughest challenges together. It not only makes individuals smarter, but also companies who benefit from a much larger R&D effort. 50% of corporations contribute to open source, and 56% say that they will increase their contributions this year. Individual developers and businesses both benefit from the trend toward collaboration.

5. Freedom

You are not beholden to any one vendor's roadmap, vision or timeline. If you need to change a feature, migrate or roll out new services, you can do that by participating in the open source community and being part of the change. The ability to access source code, add features, and fix code yourself is the number four reason users choose to use open software.

6. Adaptability, Choice, Interoperability

Summary Report of Open Source Technology

To study the open source technology, the department of Computer Engineering of Sandip Foundation's, Sandip Institute of Technology and Research Center organized *one Day Exper talk on open source technology*. on the Date: 18th August 2017. The lecture was started with welcome & felicitation of Mr. Ajinkya Nikam. (*Redhat technologies, Pune*) Followed by Technical session on open source technology on these day. Disussed topic open source technology with all the participated students. It conducted opininon of students on open source technology & guided them. He guided regarding requirements of various tool and software requirement for programming. After completion of lecture, for next 1 Hour he established one to one communication with interested students & counseled them regarding their different Open source Software.

To attend the same workshop number of students from Computer Engineering were participated. At the end of event students were appreciated. The workshop will be concluded with vote of thanks.

Photographs :





Prof. R. S. Shirsath
Co-ordinator

Prof.(Dr.) A. D. Potgantwar
(HOD, Computer Dept.)