

# **Don Bosco Institute of Technology**

## **Department of Computer Engineering**

### **Workshop on Distributed File Systems**

Subjects: Parallel and Distributed Systems & Big Data Analytics

Venue: Computer lab – 4 (IBM Lab)

Faculty In-charge: Shafaque Fatma Syed & Sana Shaikh

Resource Person: Achilles Rasquinha

Date: 4<sup>th</sup> April, 2018

Class: B.E. (2017-18) Even Sem

Report:

A guest session was conducted by Mr.Achilles Rasquinha.The session was based on Distributed File Systems and Github. It started with Mr.Achilles explaining the difference between centralized and distributed systems. In the first half of the session, he gave us brief idea about Github, its importance, how to install and configure Github on our machines.Also how to create and configure repositories on Github so that we can transfer files to Github using Git. The session was interesting since we had to practically implement it. We started by creating an account on Github, making a repository there.Then we created a directory in our home folder and initialized git.Afterwards we added our file and committed it in order to save it in git. Then we linked github directory with our local directory.For instance we created a file,added it in git and then committed it to the git and then pushed the changes. In the second half of the session, he explained us how to implement branching and merging in git.Branching allows us to work on different versions of the same files in parallel.First we created 2 files then committed it and then the status was displayed stating that we are on the master branch.As long as we are on the master branch,every time we make a commit ,the branch moves up to our latest commit.Then we again created more branches .A graph was being displayed showing where the head is currently pointing to.We made some changes in the branches and integrate these changes back into the master branch.In order words, we want to merge our new changes into the master. In this way we were able to add new branches as well as merge them in git.Overall everyone enjoyed the session since it imparted knowledge about Github.The vote of thanks was delivered by Ms.Shafaque Syed.

## DON BOSCO INSTITUTE OF TECHNOLOGY, KURLA

BRANCH : COMP SEMEMESTER : 8 DATE: 04/04/18

WORKSHOP ON DISTRIBUTED FILE SYSTEMS

Lecturer In-charge: Shafaque Syed and Sana Shaikh

Subjects: Parallel and Distributed Systems and Big Data Analytics

Attendance Sheet

Roll No	Student Name	Signature
62	Shloka Shetty	Shloka Shetty
61	Niharika Shetty	Niharika Shetty
70	Ashdeep Kaur	Ashdeep Kaur
43	Linson Miranda	Linson Miranda
52	Blessy Varghese	Blessy Varghese
23	Dikshita Iyer	Dikshita Iyer
38	GLEN MARTIN	GLEN MARTIN
18	Nathanael George	Nathanael George
53	Raghav Raghavan	Raghav Raghavan
51	Shaun Pinto	Shaun Pinto
12	Jenny Derasny	Jenny Derasny
47	Swapnil Naik	Swapnil Naik
41	Shubhada Medhe	Shubhada Medhe
40	Vinay Kumar Mourya	Vinay Kumar Mourya
36	ROSTON LOBO	ROSTON LOBO
2	Sagar Amin	Sagar Amin
17	Ram Rajgopal	Ram Rajgopal
68	Soukhyada Vaidya	Soukhyada Vaidya
14	Ashley Dsouza	Ashley Dsouza
3	Sheilan Aranha	Sheilan Aranha
42	Gary Mendonca	Gary Mendonca
29	Sanchita Kadge	Sanchita Kadge
45	Jenete Monteiro	Jenete Monteiro
60	Ashvit Shetty	Ashvit Shetty
6	Celina Mary	Celina Mary
25	Teenu	Teenu



