



10

SE Experiment 10

DATE:

Keleena Shah

60004210243

C'32

Aim : To understand DevOps.

Theory :

DevOps is a set of practices that combines software development (Dev) & IT operations (Ops).

It aims to shorten the systems development life cycle & provide continuous delivery with high software quality.

DevOps emphasizes collaboration, automation & integration between development & operations team to improve speed & quality of delivering software applications & services.

Tools used in different DevOps stages

(i) Plan

- Jixa

- Tello

- Asana

(2) Code

- Git, GitHub

- Bitbucket

(3) Build

- Jenkins

- Travis CT



Shri Vile Parle Kelavani Mandal's
DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING
(Autonomous College Affiliated to the University of Mumbai)
NAAC Accredited with "A" Grade (CGPA: 3.18)



DATE:

(4) Test

- Selenium
- Postman

(5) Deployment

- Docker
- Kubernetes

(6) Operate

- Nagios
- ELK Stack

(7) Monitor

- Datedog
- Grafana

(8) Feedback

- slack
- MS teams

Conclusion : Thus , we understood devops & various tools are exploited.