St. Francis Institute of Technology, Mumbai-400 103

**Department Of Information Technology**

A.Y. 2023-2024

Class: TE-ITA/B, Semester: V

Subject: **DevOps Lab**

**Experiment – 6: a. To build pipeline of jobs in Jenkins, create a pipeline script to test and deploy an application.**

**b.To automatically build a job in Jenkins using webhooks (Topic Beyond Syllabus)**

**Sample pipeline script**

**Script:**

pipeline{

agent any

stages{

stage ('Plan phase'){

steps{

echo 'Hi. This is Shree Jaswal'

}

}

stage ('code phase'){

steps{

input('Do you want to continue?')

}

}

stage ('integrate phase'){

when{

not{

branch "master"

}

}

steps {

echo 'Integration test passed'

}

}

stage ('testing phase'){

parallel{

stage ('unit test'){

steps{

echo 'running unit test'

}

}

}

}

}

}