Name: _____   Roll No: _____

Lab Name: DevSecOps Lab   **Course Code: IoTCSBCL703**

Sem: VIIth   **Class: B.E**

Exp No.	Name of Experiment	DOP	DOS	Marks	Sign
1	To implement version control using GIT				
2	To perform various operations using GitHub				
3	To setup Jenkins environment & installing required libraries including Maven				
4	To configure Jenkins with Maven to set up a build job via webhook				
5	Build the pipeline of Jobs using Maven in Jenkins, create a pipeline script to deploy an application				
6	Build and run Selenium Test Script in Jenkins using Maven				
7	Install Docker and execute Docker commands to manage images and interact with containers. Also build custom image				
8	To implement application and code security testing using Snyk				
9	To implement monitoring and alerting using Prometheus				
10	To create and work with Virtual Machine on Cloud				
Average:					

Sr No	Assignment	DOS	Marks	Sign
1	To implement continuous deployment using Ansible			
2	To implement SAST using SonarQube			
	Average			

	Total	Obtained
Average Marks Obtained in Experiment	15	
Average Marks Obtained in Assignment	05	
Overall Attendance in the Subject	05	
Total Marks out of	25	

Faculty Signature:

Date: