



**SURESH  
GYAN VIHAR  
UNIVERSITY**  
Accredited by NAAC with 'A' Grade

**INTERNAL ASSIGNMENT - 1**

<b>Course</b>	<b>MCA</b>	<b>DevOps -1 (GIT, Jenkins, Docker) Development</b>
<b>Semester</b>	<b>5</b>	
<b>Total Marks:</b>	<b>15</b>	

**Q.1. Write answers for any two questions from below. (5 marks each – Word limit – 500)**

- A. Discuss about SSH Key for Jenkins user.
- B. Students make a group and discuss how architecture is worked on client, host and Registry side.
- C. Study the working of Docker Machine.

**Q.2. Write short notes on all of the following topics (1 mark each - Word limit - 100)**

- A. Discuss use case for Docker.
- B. Find out the platforms for Docker.
- C. Discuss the Cheat sheet of Git.
- D. Find out the Pros and Cons of Git.
- E. Find out why Git is important for your Organisation.



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**INTERNAL ASSIGNMENT - 2**

<b>Course</b>	<b>MCA</b>	<b>DevOps -1 (GIT, Jenkins, Docker) Development</b>
<b>Semester</b>	<b>5</b>	
<b>Total Marks:</b>	<b>15</b>	

**Q.1. Write answers for any two questions from below. (5 marks each – Word limit – 500)**

- A. Discuss the difference between Dockers vs Virtualization.
- B. Find out the examples of waterfall model and discuss it's Pros and Cons.
- C. Study the Architecture of Jenkins.

**Q.2. Write short notes on all of the following topics (1 mark each - Word limit - 100)**

- A. Create a repository and push a master branch to GitHub.
- B. Discuss about Docker.
- C. Discuss about Git Logs and Git Stash.
- D. Write down 5 Git Commands.
- E. Discuss Version Control.