UNIVERSITY INSTITUTE OF ENGINEERING

Department of Computer Science & Engineering

(BE-CSE/IT-6th Sem)

Cloud Computing & Distributed Systems Lab

21CSH-378

Submitted to:

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Ex. No	Name of Experiments	Date	Conduct (MM: 12)	Viva (MM: 10)	Worksheet (Record) (MM: 8)	Total (MM: 30)	Remarks	Signature (with date)
1.1	Install VirtualBox or VMware Workstation on a Windows 7 or 8 operating system and set up various flavors of Linux or Windows as virtual machines.							
1.2	To install a C compiler within the virtual machine established using VirtualBox and run basic programs.							
1.3	Installation of Cloud Sim tool and IDE.							
2.1	Use of GAE launcher to launch the web applications.							
2.2	Simulate a cloud scenario using Matlab and run a scheduling algorithm.							
2.3	To find a procedure to transfer the files from one virtual machine to another virtual machine.							
2.4	Discover a method for initiating a virtual machine using the TryStack (Online OpenStack Demo Version).							
3.1	Install Hadoop single node cluster and run simple applications like word count.							
3.2	Case Studies on Cloud based machine learning solutions in healthcare.							
3.3	Lab based Mini Project							