

RAJALAKSHMI ENGINEERING COLLEGE
AN AUTONOMOUS INSTITUTION
Affiliated to ANNA UNIVERSITY
Rajalakshmi Nagar, Thandalam,
Chennai-602105



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ENGINEERING COLLEGE
An AUTONOMOUS Institution
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DEPARTMENT OF COMPUTER SCIENCE
AND ENGINEERING

CS19741 CLOUD COMPUTING LABORATORY
ACADEMIC YEAR:2024-2025 (ODD)

INDEX

Reg. No : 210701095

Name : JERIN BS

Branch : CSE

Year/Section : IV-B

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	VIRTUALIZATION		
1	Create and run a virtual machine in your system using VMWare Workstation pro		
2	Virtualize a machine and check how many virtual machines can be utilized at a particular time		
3	Create a VM clone and attach a virtual block to the cloned VM		
	PUBLIC CLOUD		
4	Develop a simple email automation service using Salesforce		
5	Launch a cloud instance using a public IaaS cloud service like the IBM cloud		
6	Work with a public cloud service such as the ServiceNow/MS Azure		
	CLOUD SIMULATION		
7	Model a cloud environment using CloudSim		
8	Implement RoundRobin task scheduling in both TimeShared and SpaceShared CPU assignment		
	HADOOP – MAP REDUCE		
9	Setup a single node Hadoop cluster and show the process using WEB UI		
10	Demonstrate the MapReduce programming model by counting the number of words in a file		
11	Implement the MaxTemperature MapReduce program to identify the year wise maximum temperature from sensor data		