A Reflection Report

of

One day Hands-on workshop

on

"Deploying cloud infrastructure using Eucalyptus"

on

03-Oct-2018

To: HOD-CS
Noted
(illegible signature)
24/6

Coordinated by,

Ms.S.Poorani AP/CS

Ms.S.U.Muthunagai AP/CS

Ms. R. Iyswarya AP/CS

1500

Contents

Sri Venkateswara College of Engineering
Autonomous-Affiliated to Anna University
Department of Computer Science and Engineering
Attendance Sheet

SNO	Roll No	Name	Year & Sec	Signature	Mob. No
1	305	S.PAVITHRA	II-B	S. Pavithra	7604834578
2	102	REETHIKA S .	II-B	Reethika	7092342233
3	58	KANAKA G .	II-B	Kan	9094499548
4	62	LAVANYA N	II-B	N. lavya	9080710182
5	74	MUKKESH M D K	II-B		8825537791
6	303	DHANUSH KUMAR D	II-A		2939197015
7	170501099	RAMNARAYANAN'S	II-B	Ramnarayanan	8939380844
8	170501090	PRASANNA KUMAR P	II-B	P. Prash	7010134935
9	170501104	RIYAZ KHAN S	II-B	S. auyskho	8221896106
10	170501307	RUSENDRAN V	II-B	V. Rus	6379158008
11	69	MANORANJAN	II-B	Manoh-V	9080126141
13	73	MOHAN PRASAD D	II-B	mohan	9500539184
14	57	KAMALNATH V	II-B	KAmlant	9176571133
15	81	NISHANTH S	II-B	S Nishelt	7299264555
16	84	PARISA NIRMALA BABU	II-B		9603081938
17	63	LAYIR FIRDOUSE D / LAYHIR FIRDOUSE D	II-B	D. Layhir firdaus	9080496179
18	61	KUMARAN S S	II-B	S.S. Kumaran	9176052342
19	66	MADHUMITHA K	II-B	K. Mr	9176869615
20	79	NIRANJANA PRABU	II-B	Niranhbu	9789007306
21	82	NIVETHA M K	II-B	Nitha	7824044670
22	159	VISHAL V	II-C	Vbyl	8825827697
23	160	VISHALI P	II-C	Vishali	7550144672
24	175	TIRUPATHI	III-C	S. Tirupa	9940032332
25		SIDDHARTH			
26	153	SRIDEVI S	III-C	Sridevi.S	9952397539
27	156	SRINIDHI N	III-C	Sinidhi	7358173308
28	65	ISWARYA V C	III-B	Iswarya .	9944104292
29	85	MALAISHREE G	III-B	G. Malai	7339417122
30	82	MADHUMITHA B	III-B	B. Madhmith	7010387844
31	102	NIVEDHA S	III-B	S. Nivedha	9042019151
32	35	ASHWIN S	III-A	Ashwin	9840317937
33	34	ARUN DANIEL	III-A	Danul	9952056265
34	32	ARUN ADITHYA	III-A	Aejy	9566690938
35	06	ABHISHEK NANDAKUMAR	III-A		9444970728
36	4	ABDUL KAREEM	III-A	Abdul. A	9600181814
37	60	HASHWANTH M	III-A	Hashwanth	8220316823
38	26	APSAL AHAMED	III-A	Anu	8608776367
39	28	ARAVIND RAJ	III-A	Aandaj	7358506976
40		PALLAVI T	II-C	Pall	9500030681
41	100	Ramya . k	II-B	Ramy	7358969518

SRI VENKATESWARA COLLEGE OF ENGINEERING
An Autonomous Institution -Affiliated to Anna University
Pennalur, Sriperumbudur – 602117

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

One Day Hands-on Workshop on Deploying Cloud Infrastructure using Eucalyptus
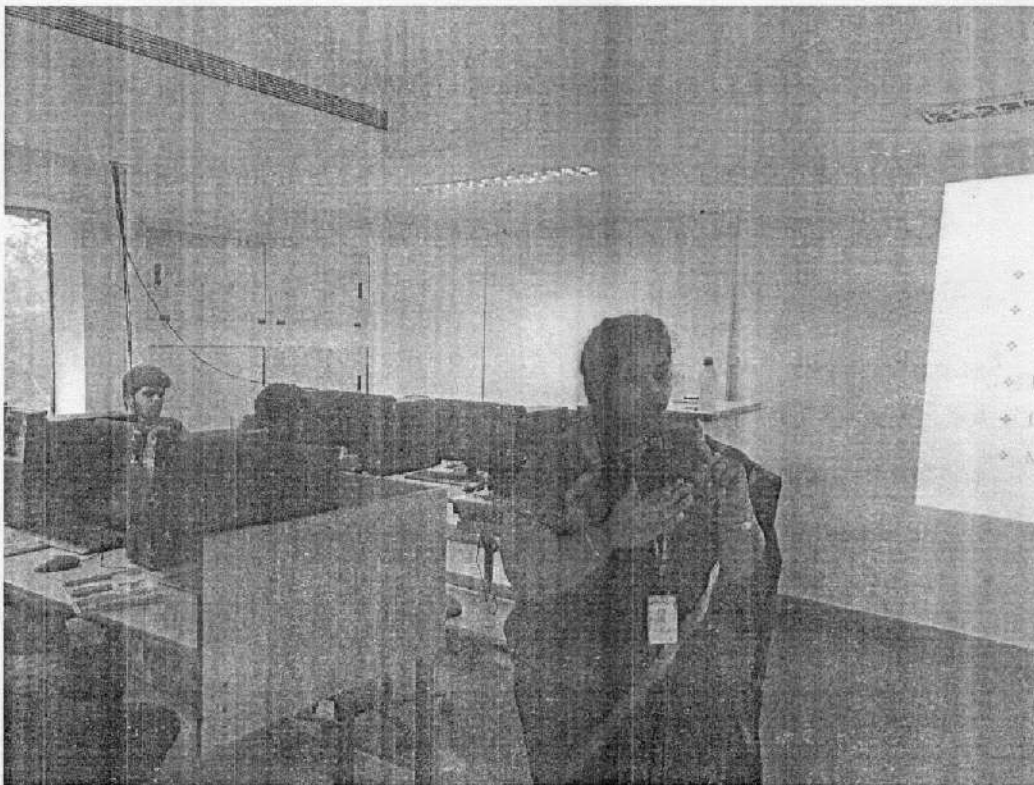
INTRODUCTION & HANDS-ON SESSION
AGENDA

Date : 03/10/2018

- 9:00 AM   Introduction of Cloud computing, Cloud Migration, Data Virtualization and Deployment model by Dr.R.Anitha Prof & HoD/CS,SVCE.

- 10:00 AM   Tea Break

- 10:15 AM   Hand On Session- Cloud Service model

- 12.15 PM   Lunch break

- 12:45 PM   VMware,Cloud Platform, Image creation, Eucalyptus installation, Instance Creation byMs. P. Vinothiyalakshmi Assistant Professor CS/SVCE, Mr.Y.Mohammed Sirajudeen and Mr. C. Muralidharan Research Scholars CS/SVCE.

- 03:00 PM   Vote of Thanks by Dr R.Anitha Prof/Head CS
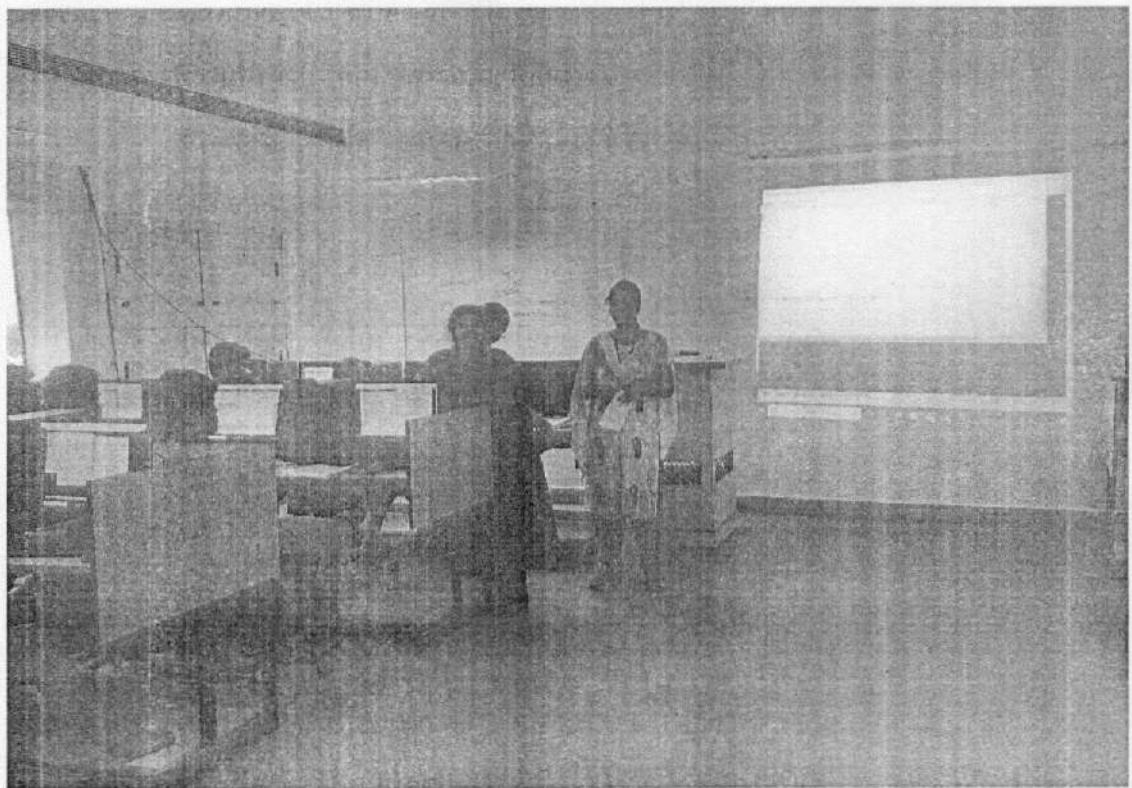
CLOUD in Academics and Business

The Department of Computer Science and Engineering, Sri Venkateswara College of Engineering conducted a One day hands-on workshop in Deploying Cloud infrastructure using Eucalyptus on 03rd October 2018. The guest speaker was Dr. R. Anitha, HoD/CS, Ms. P.Vinothiyalakshmi AP/CS, Mr. Y. Mohammed Sirajudeen and Mr. C. Muralidharan Research Fellow/CS. The Program started with a welcome note by Dr.R.Anitha with the importance of Cloud infrastructure both in academics and business in Current scenario.

Cloud computing is a shared pool of configurable computer system resources and higher-level services that can be rapidly provisioned with minimal management effort, often over the Internet. Cloud computing relies on sharing of resources to achieve coherence and economies of scale, similar to a public utility. Third-party clouds enable organizations to focus on their core businesses instead of expending resources on computer infrastructure and maintenance.

Also speaker explained about the concepts of cloud architecture and its model, Infrastructure as a Service, Software as a Service, and Platform as a Service. With this the lectures were around with following topics:

1) What are the benefits offered by cloud computing?

2) Are the promised features of Scalability, Flexibility, and Security of the cloud coming to fruition?

3) How to get infrastructure from cloud?

4) Lessons from migrating to the cloud

5) Data virtualization

6) Cloud: Concepts, users and manufacturing

7) Grid, Utility, Peer, Cloud computing

8) Deployment model – Public, Private, Hybrid.

9) Cloud service models

The speaker elaborated on various Cloud-Research Challenge in emerging trends and discussed about the following features:

- Automated service provisioning

- VM migration

- Server Consolidation

- Data Security

- Software framework

- Storage Technology

- Novel cloud architecture.

After the Tea Break, the session has been taken back by Ms. P. Vinothiyalakshmi, with implementation of VMware in order to understand the working platform of cloud. She has dawn the hands-on session with the creation of image using Eucalyptus, in addition to that speaker demonstrated, how user applications can be deployed over the image. In continuation with Ms. P. Vinothiyalakshmi session, Mr.Y.Mohammed Sirajudeen and Mr. C. Muralidharan resumed the session with the illustration of creation of instance using Eucalyptus, volume attachment to the instance.

The workshop came to a conclusion with the valuable points shared about the importance of cloud and how cloud is ruling over world by Dr. R. Anitha. Finally, Ms. S. Poorani and Ms. S.U. Muthunagai thanked all the resource persons for accepting the invitation in their busy schedule and sharing their knowledge.
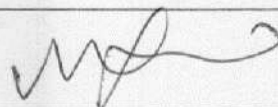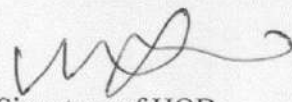
Dr.R.Anitha
HoD/CS

SRI VENKATESWARA COLLEGE OF ENGINEERING

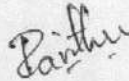## FEEDBACK FROM THE SPEAKER - GUEST LECTURE

DEPARTMENT : CSE

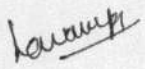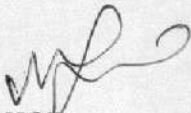|	
Name of the Speaker	: Dr. R. ANITHA
Designation	: HOD/CS
Institution/University/Organisation	: SVCE
Mobile / E-mail	:
Title of the Lecture	: Deploying Cloud infrastructure using Eucalyptus
Date	: 03/oct/2018
Time	: 9-00 to 3.15 Pm
Venue	: CS LAB-4
Comments by the Speaker	: Good Audience —
Suggestions for improvement	: —
Signature of the Speaker	:

Signature of Coordinator

Signature of HOD

SRI VENKATESWARA COLLEGE OF ENGINEERING

FEEDBACK - INPLANT TRAINING / SHORT TERM COURSE

Name of the Student	PAVITHRA · S
Branch/Semester/Section/Roll No.	II 'B'
Industry/ Institution Visited	SVCE
Duration of Training/ Course with date	1 day 3 Oct 08
Plants visited during training	SVCE

Whether the training/Course was useful? In what way? Give reasons.

It is very useful and know about cloud infrastructure.

Any other suggestions

Signature

Report and Copy of Certificate submitted.

HOD

Faculty Incharge

The person who has attended the course should prepare this in triplicate and submit copies to:
A2, A3 and Dept.

SRI VENKATESWARA COLLEGE OF ENGINEERING

FEEDBACK - INPLANT TRAINING / SHORT TERM COURSE

Name of the Student	LAVANYA . N
Branch/Semester/Section/Roll No.	II - B
Industry/ Institution Visited	SVCE
Duration of Training/ Course with date	1 day 3 October 2008
Plants visited during training	SVCE
Whether the training/Course was useful? In what way? Give reasons.	It was very useful and gained knowledge about cloud.
Any other suggestions	—
	Signature
Report and Copy of Certificate submitted.	
HOD	Faculty Incharge

The person who has attended the course should prepare this in triplicate and submit copies to:
A2, A3 and Dept.

SRI VENKATESWARA COLLEGE OF ENGINEERING

FEEDBACK – CONFERENCE / SEMINAR / WORKSHOP / FDP

Name of the Faculty/Staff	K.UMA
Designation & Department	INSTRUCTOR / CSE
Industry / Institution Visited	SVCE
Duration of Training / Course with date	One day. (3/10/18).
Details of the Training / Course	Deploying cloud infrastructure
Plants visited during training	using Eucalyptus.

Whether the training/Course was useful? In what way? Give reasons.

Yes. Gained knowledge about deploying cloud.

Any other suggestions

Signature

Effectiveness review by HoD — Gained knowledge on how to set up a cloud environment.

Signature of HoD

The person who has attended the course should prepare this in triplicate and submit copies to: **A1, A3 and Dept.**

SRI VENKATESWARA COLLEGE OF ENGINEERING

PENNALUR, SRIPERUMBUDUR

[AUTONOMOUS - AFFILIATED TO ANNA UNIVERSITY, CHENNAI]

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE
OF PARTICIPATION

This is to certify that Dr. / Mr. / Ms. _____ of

_____ has participated in the

one day Workshop on " DEPLOYING CLOUD INFRASTRUCTURE USING
EUCALYPTUS " held on 3rd October 2018, organised by the Department of
Computer Science and Engineering.

Dr. R. ANITHA.
PROFESSOR & HOD-CS
CONVENER

Dr. S. GANESH VAIDYANATHAN
PRINCIPAL

ISO 9001 : 2008
APPROVED BY IRQS

SRI VENKATESWARA COLLEGE OF ENGINEERING

An Autonomous Institution-Affiliated to Anna University

Pennalur, Sriperumbudur 602 105

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Solicit your esteemed presence for the

One Day Hands-on Workshop

On

Deploying Cloud Infrastructure using Eucalyptus

By

Dr. R. Anitha, Professor & Head, Dept of CSE, SVCE.
Ms. P. Vinothiyalakshmi Asst. Prof, Dept of CSE, SVCE.
Mr. Y. Siraj Mohammed Sirajudeen JRF, Dept of CSE, SVCE
Mr. C. Muralidharan Research Scholar, Dept of CSE, SVCE.

Venue: CSLAB 4 Laboratory

Date: 3rd, October 2018

Time   : 09:00 AM – 03:15 PM