

## Reflection Report of One day hands-on workshop on 'Setting up a Private Cloud Using OpenNebula'

The Department of Computer Science And Engineering, Sri Venkateswara College of Engineering organized a One day hands-on Workshop on 22nd August, 2017 at CS Lab 4. The guest speaker was Mr. S.Baskar, the founder and Chief Executive Officer of LinuXpert Systems, Chennai. The event started with Tamizhthai Vazhthu followed by a welcome address by Ms. S. Rajalakshmi, AP/CS. The workshop was preceded by a short talk by the HoD/CS. In her talk she emphasized the importance of Cloud and OpenNebula.



The lecture started around 09.00 A.M and come to an end by 03.30 P.M. Mr. S. Baskar explained about the introduction of OpenNebula installation and explained about the various tools and commands for Setting up a private cloud. He interacted with the participants during and at the end of the hands on by gaining interest towards the students and by giving real time examples on setting up a private cloud. The session was 100% practical oriented.

The hands on workshop were received by 40 members with admiration by the students and staff members of CS & IT and faculty from other colleges. They also found that the content of the workshop was appropriate for their academics as well as for their future work on the projects and research.



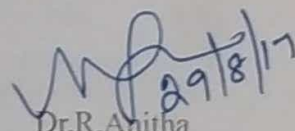
After the lunch, the dignitary Mr. S.Baskar had a detailed discussion on Commands used in OpenNebula, creating a Virtual Machine, managing it, resizing the virtual machine and booting and login on and off to the virtual machine. The session went from 1.15 P.M to 3.20 P.M.

At the end of the hands on workshop, Dr.R.Anitha, HoD/CS gave a short feedback on the workshop. She insisted the students to do project and research works on Cloud to build-up their career.



The event ended with a Felicitation to the guest with a memento and a vote of thanks by HoD/CS. Thereafter the certificates were distributed to the participants, followed by national anthem.

With this, the day was ended with a platform for the setting up of a private Cloud using OpenNebula.

  
Dr.R.Anitha  
HOD/CS

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SRI VENKATESWARA COLLEGE OF ENGINEERING  
(Autonomous - Affiliated to Anna University)  
PENNALUR, SRIPERUMBUDUR TK - 602117.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Date: 23/08/2017

Submitted to the Principal:

Respected Sir,

Subject: Request to grant the amount spent on conducting One day Hands-on Workshop on "Setting up a Private Cloud using OpenNebula" - Reg.

On behalf of the Department of Computer Science and Engineering in association with LinuXpert Systems, Chennai, We conducted a One day Hands-on Workshop on "Setting up a Private Cloud using OpenNebula", on 22<sup>nd</sup> August 2017. The approval and the budget request was sanctioned earlier in the letter dated on 14/07/2017 is enclosed herewith. We expected 10 external participants, but unfortunately only 2 external participants attended the workshop.

Hence we request you to kindly grant the amount spent for the workshop. The details of the amount spent for the workshop is given below for your kind perusal.

S. No.	Item description	Amount in Rs.
1	Kit(Notepad, Pen, Bag) (40 * 29 = 1160)	1160
2	Memento to Speaker	655
3	Certificate	470
4	Canteen	1445
5	Fuel Allowance for Speaker	500
<b>Total Amount Spent</b>		<b>4230</b>
Amount received from External Participants (2 * 200 = 400)		400
<b>Amount to be Settled</b> (4230 - 400 = 3830)		<b>3830</b>

Thanking you,

To: HoD-CS

Approved.

The expenses shall be met from imprest account

20/24/8

Yours Sincerely,

*[Signature]* 24/8/17

(Dr R Anitha)  
Prof & Head / CS  
Coordinator

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Date: 14/07/2017

Submitted to the Principal:

Respected Sir,

Subject: Proposal for conducting a One day Hands-on Workshop on "Setting up a Private Cloud using OpenNebula" - Request for approval - reg.

On behalf of the department of Computer Science and Engineering in association with LinuXpert Systems, Chennai, planning to conduct a One day Hands-on Workshop on "Setting up a Private Cloud using OpenNebula", on 22<sup>nd</sup> August 2017.

We request you to kindly provide the financial assistance from our college for the smooth conduct of the event.

The budget estimate, showing statement of approximate expenses are enclosed herewith for your kind perusal.

Thanking you,

Yours Sincerely, 14/7/17

(Dr R Anitha)  
Prof & Head / CS  
Coordinator

Approved.  
S. S. S. S.  
14/7/17.

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ONE DAY HANDS-ON  
WORKSHOP ON  
"SETTING UP A PRIVATE CLOUD USING OPENNEBULA"

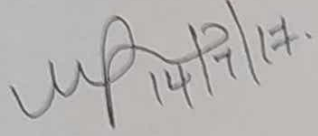
In association with

Linuxpert Systems, Chennai.

22 AUGUST 2017

BUDGET ESTIMATE

A) Expenses (in Rs.)					
S. No.	Item description	Nos.	Rate	Amount	Total
A.1	Tea & Snacks (15*35*2)	35	30	1050	
A.2	Memento to Experts (2*1000)	2	1000	2000	
A.3	Lunch (7*Rs. 120)	7	120	840	
A.4	Miscellaneous-Certificates	-	-	500	
Total					4390
B) Receipts (in Rs.)					
B.1	Registration Fees(for external)	<del>10</del>	200	2000	
Total					2000
C) College Budget Allocation					
C.1	College Budget	-	-	-	2390
Total (B + C)					3390

  
(Dr R Anitha)  
Prof & Head / CS  
Coordinator

#### ABOUT SVCE

Sri Venkateswara College of Engineering is a self-financing Engineering college established in the year 1985, with three academic departments. Ever since, it has grown into a premier institution imparting knowledge and excellence through academic, research and infrastructural developments. SVCE now offers ten UG and ten PG courses in various Engineering disciplines. Many departments are recognized as research centers for Ph.D programmes by Anna University, Chennai. It is involved actively in many research programmes funded by various Industries and Organizations, supported by well dedicated faculty, staff and students community. The College is situated in a quiet environment about 37 km from Chennai on the Chennai – Bangalore highway (NH 4) in an area of about 100 acres at Pennalur, Sriperumbudur.

#### ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering has well qualified faculty members and is running both undergraduate course and a postgraduate course. Moreover, the Department is recognized as Research Centre by Anna University and many scholars are pursuing their research.

#### PROGRAMME OBJECTIVE

The field of computer science has made pioneering contributions to the fundamentals in the field of computing. Recently the major accomplishments in computing field include the foundation of Cloud Computing reaching excellence in Internet technologies. With this in mind, the Department of Computer Science & Engineering in association with Linuxpert Systems, Chennai has planned to conduct One day Hands-on Workshop on "Setting up a Private Cloud using OpenNebula". OpenNebula is an open-source management platform to build IaaS private, public and hybrid clouds.

#### RESOURCE PERSON

Experts from Linuxpert Systems, Chennai.

#### TOPICS COVERED

- Introduction to OpenNebula
- Choosing the Hypervisor
- Design and Installation of Cloud
- Set-up Infrastructure and Services
- Working on Clouds
- Integrating with other components

#### PARTICIPANTS

Applications for participation are welcome from System Administrators, Faculty members and Research Scholars of Engineering, Arts and Science Colleges. Number of participants limited to 35.

#### REGISTRATION FEE

For External Participants (Faculty / Research Scholars / System Administrators) – Rs. 200/- (as cash)

#### ADVISORY COMMITTEE

**Dr. S. Ganesh Vaidyanathan**  
Principal, SVCE

#### Dr. R. Anitha

Professor & Head, Dept. of CSE., SVCE

#### REGISTRATION FORM

1. Name :
2. Designation :
3. Experience (in years) :
4. Educational Qualification:
5. Institution / Organization:
6. Mailing Address :
7. Phone / Mobile :
8. Email-id :

Place :

Date :

Signature of the Candidate

One day Hands-on  
Workshop  
on

## “Setting up a Private Cloud using OpenNebula” (August 22<sup>nd</sup>, 2017)



Organized by

DEPARTMENT OF COMPUTER SCIENCE AND  
ENGINEERING  
SRI VENKATESWARA COLLEGE OF ENGINEERING  
(Autonomous – Affiliated to Anna University)  
Pennalur, Sriperumbudur Taluk- 602117  
Tamilnadu.

Website: [www.svce.ac.in](http://www.svce.ac.in)

In Association with  
Linuxpert Systems, Chennai.

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#### CO-ORDINATORS

Dr. R. ANITHA  
Ms. S. RAJALAKSHMI  
Ms. U. ABIRAMI  
Ms. J. BUVANA