

Workshop on  
Grid and Cloud Computing Lab  
1<sup>st</sup> and 2<sup>nd</sup> July, 2016

Registration Form

1. Name: \_\_\_\_\_
2. Designation : \_\_\_\_\_
3. Department : \_\_\_\_\_
4. Institution : \_\_\_\_\_
5. Address for Communication : \_\_\_\_\_  
\_\_\_\_\_
6. Mobile: \_\_\_\_\_
7. E-mail ID : \_\_\_\_\_
8. Payment Details: \_\_\_\_\_
9. Amount : \_\_\_\_\_

I hereby declare that all the details furnished by me are true to the best of my knowledge.

Date: \_\_\_\_\_ Signature \_\_\_\_\_

Certificate from Head of the Institution

Dr. /Mr. /Mrs. \_\_\_\_\_ is an employee of our institution. He / She will be permitted to attend the programme if selected.

Signature of the Principal with Seal

ORGANIZING COMMITTEE

PATRONS

Thiru.A.K.T . Mahendran, **Chairman**  
Tmt.T.M. Lakshmipriya, **Secretary**

ORGANIZING CHAIRS

Dr. K.Vijayaraj, M.E.,PGDBA.,Ph.D, **Principal**  
Mrs. V.Lizy., M.A., M.Ed., M.Phil., PGDHRM., Ph.D  
**Vice Principal**

CONVENER

\_\_\_\_\_ Mrs.B.Sundarambal, M.E., Ph.D  
Head of the Department  
(M) 9042829255

CO-ORDINATORS

Mr.N.Lakshmikanthan,  
Assistant Professor - CSE.  
(M) 9976945743.

Ms.K.Sabeetha,  
Assistant Professor - CSE.  
(M) 7639970926

For further Details Contact:

The Coordinator(s),  
Grid and Cloud Computing Lab- Workshop,  
Department of CSE,  
A.K.T Memorial College of Engineering and Technolgy,  
Nelamangalam, Kallakurichi, Villupuram(Dt)  
Ph: 04151-223577, 227077

WORKSHOP

ON

GRID AND CLOUD  
COMPUTING LAB

1<sup>st</sup> and 2<sup>nd</sup> July, 2016



Organized by

Department of Computer Science and  
Engineering  
in Association with LinuXpert Systems



A.K.T Memorial College of  
Engineering & Technology  
Nelamangalam, Kallakurichi,  
Villupuram (Dt).

## ABOUT THE INSTITUTION

A.K.T Group of institutions was established by A.K.T Noble Cause Volunteers Trust for the uplift of the society through value education in the name of famous philanthropist, Late Thiru.A.K.Thagapillai. The management is having experience in academia for more than 2 decades. A.K.T. Memorial college of engineering and technology started in the year 2009-2010 as yet another feather on the crown of A.K.T Group of institutions.

AKTMCET offers five UG and two PG courses and is approved by AICTE, New Delhi and affiliated to Anna University, Chennai. The college offers engineering degree courses in Civil, Computer Science, Electronics & Communication, Electrical & Electronics and Mechanical Engineering. AKTMCET offers P.G. courses in Applied Electronics and Computer Aided Design.

## ABOUT THE DEPARTMENT

Computer Science and Engineering is a branch of engineering study that triggers imagination of creativity and provides the right perception and insight into software development.

The CSE department has been providing excellent learning and research opportunities for U.G. students. The department has well-

qualified faculty members with various specialization relevant for the industry.

The department strives to develop long term relationships with Industries and market the Student's Talents effectively

## ABOUT THE WORKSHOP

Cloud hosting provides organizations with virtual IT services from around the world, with no hardware, installation, or maintenance costs. Applications of the cloud computing are as business cloud apps used for social business/collaboration, file sharing, business productivity, and CRM/marketing.

This workshop is intended to provide opportunity for faculty members from Engineering Colleges affiliated to Anna University to enrich their knowledge in the field of Cloud Computing.

## TOPIC COVERAGE

### Grid and Cloud Computing

- Introduction to Cloud computing and infrastructure as a service
- Introduction to OpenNebula and KVM (Kernel based Virtual Machine)
- Installation of Ubuntu LXLE 14.04 and OpenNebula
- Configuring OpenNebula Services in Frontend and Nodes
- Managing OpenNebula through OpenNebula Sunstone Web interface and CLI
- Creating and Managing Virtual Machines inside OpenNebula Cloud Computing environment
- Setting up One node Hadoop Cluster
- Mounting the One node Hadoop Cluster using FUSE
- Setting up and Configuring GRID infrastructure using Globus ToolKit

## RESOURCE PERSON

Mr.S.Baskar  
Chief Executive Officer  
LinuXpert Systems

## ABOUT REGISTRATION

- Registration Fee : Rs. 500/-
- Spot payment is accepted.
- No. of participants are restricted to 50.
- Selection is based on first come first serve basis.
- Confirmation of participation will be communicated through e-mail.

The filled in registration form should reach

**The Coordinator,  
Workshop on Grid and Cloud  
Computing Lab, Department of CSE,  
A.K.T Memorial College of  
Engineering and Technology,  
Kallakurichi -606202.**

**Or**

The filled in Scanned Copy of application form can be mailed to **aktcse@gmail.com**.

The last date for receipt of application:  
**29.06.2016.**