

Dept. of Computer Science and Engineering

TWO DAYS WORKSHOP ON

**SECURITY LAB (CS-6711) &  
GRID COMPUTING LAB (CS-6712)**

24<sup>th</sup> - 25<sup>th</sup> MAY, 2017

**registration form**

Name : \_\_\_\_\_

Designation : \_\_\_\_\_

Department : \_\_\_\_\_

Institution : \_\_\_\_\_

Address for Communication : \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone (STD code) : \_\_\_\_\_

Mobile : \_\_\_\_\_

Email : \_\_\_\_\_

Amount Rs. : \_\_\_\_\_

Bank Name : \_\_\_\_\_

Branch : \_\_\_\_\_

Date :

Place :

Signature

Certificate from Head of the Institution

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

Signature of the Principal with Seal

**organizing committee**

Chief Patron

**Dr.PSS.Srinivasan**

Principal,  
Knowledge Institute of Technology

Patron

**Dr.K.Visagavel**

Vice Principal,  
Knowledge Institute of Technology

Convener

**Dr.V.Kumar**

Professor & Head / Dept. of CSE

**Dr.P.Rajendran**

Professor & Director Placement / Dept. of CSE

Co-Convener

**Prof.K.Ravikumar**

Associate Professor / Dept. of CSE

**Prof.N.Jayapandian**

Assistant Professor / Dept. of CSE

Organizing Secretaries

**Prof.M.Ramkumar**, Asst. Professor / Dept. of CSE

**Prof.R.Saranya**, Asst. Professor / Dept. of CSE

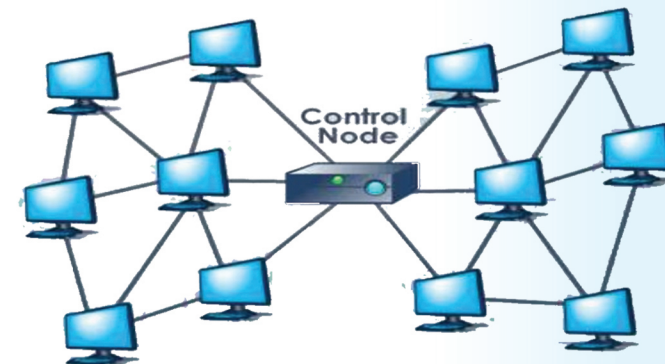
For further Details Contact

The Co-ordinator,  
Workshop on Cloud Computing,  
Dept. of Computer Science and Engineering  
Knowledge Institute of Technology  
KIOT Campus, NH-47, Kakapalayam (Po),  
Salem - 637 504, Tamil Nadu.  
Call us @ 97914 70512 / 98944 48683  
Email : mrcse@kiot.ac.in

TWO DAYS WORKSHOP ON

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GRID COMPUTING LAB (CS-6712)**

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*Beyond Knowledge*

Organized by  
**Department of  
Computer Science and Engineering**

In association with



**KNOWLEDGE  
INSTITUTE OF TECHNOLOGY**

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

KIOT Campus, Salem, Tamilnadu

 [kiot.ac.in](http://kiot.ac.in)

## about the institution

Knowledge Institute of Technology is one of the upcoming Pioneer Institution in India. The college was established in the year 2009. Knowledge Institute of Technology is a brainchild of Eminent Professors from Leading Engineering colleges, Philanthropists Friends, Entrepreneurs who like to contribute in nation building by establishing higher learning institutions. The cutting edge infrastructure, well experienced faculty and accomplished staff make KIOT as a premier center for learning.

The college offers B.E. programs in MECH, ECE, EEE, CSE, Civil and M.E programs in VLSI Design, Computer Science, Industrial Safety Engineering and Embedded System and Technology. Knowledge Business School (KBS) is the sister institution situated in the same KIOT campus, which offers best in class MBA degree. The vast experience of the promoters, in training the students for all-round professional and soft skill development, will ensure every student to transform into an evolved individual and a highly employable professional.

## about the department

The Department of Computer Science & Engineering was established in the academic year 2009-10. Our department was started with a vision to provide the sense of creativity, talent and knowledge in Computer Science and Engineering. It has evolved as a comprehensive student-centric approach designed to add significant value to the learner in an integrated manner through lab sessions, assignments, trainings, seminars, and independent study. There are several ways to present the canonical core of computer science. We have also developed distinct styles and methods that bridge the theory - practice divide while remaining grounded to the core. Our understanding is that people who are clear and thorough about the fundamentals can adapt to rapid changes in technology quite easily. We impart education to our students as the basis of a lifelong learning. The department is gifted with very young, energetic and committed faculty members including Two Professors, Two Associate Professors and Twenty Seven Assistant Professors who are here to guide the students in all the aspects.



## about the workshop

GridLAB is a new power distribution system simulation and analysis tool that provides valuable information to users who design and operate distribution systems.

Security measures built into applications and a sound application security routine minimize the likelihood that unauthorized code will be able to manipulate applications to access, steal, modify, or delete sensitive data.

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 COMPUTING

- ▶ Develop a new Web Service for Calculator.
- ▶ Develop new OGSA-compliant Web Service.
- ▶ Using Apache Axis develop a Grid Service.
- ▶ Develop applications using Java or C/C++ Grid APIs
- ▶ Develop secured applications using basic security mechanisms available in Globus Toolkit.

### SECURITY LAB

- ▶ Implement the SIGNATURE SCHEME - Digital Signature Standard
- ▶ Demonstrate how to provide secure data storage, secure data transmission and for creating digital signatures.
- ▶ Setup a honey pot and monitor the honeypot on network
- ▶ Installation of rootkits and study about the variety of options
- ▶ Perform wireless audit on an access point or a router and decrypt WEP and WPA.

## resource person

### Mr. S. Baskar

Chief Executive Officer,  
LinuXpert Systems, Chennai.



## about registration

- ▶ Registration Fee : Rs. 500/-
- ▶ Registration fee is to be paid in the form of DD in favor of "The Principal, Knowledge Institute of Technology" payable at Salem
- ▶ No. of participants are restricted to 30.
- ▶ 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 Co-ordinator,  
Workshop on Cloud Computing,  
Dept. of Computer Science and Engineering  
Knowledge Institute of Technology  
KIOT Campus, NH-47, Kakapalayam (Po), Salem - 637 504  
Call us @ 97914 70512 / 82485 88213  
Email : mrcse@kiot.ac.in

Or

The filled in Scanned Copy of application form can be mailed to mrcse@kiot.ac.in.

The last date for receipt of application : 20.05.2017.

