

**K.L.N.COLLEGE OF INFORMATION TECHNOLOGY**  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THREE DAYS FACULTY DEVELOPMENT PROGRAM

ON

**Grid and Cloud Computing**

**11.05.2016 to 13.05.2016**

**REGISTRATION FORM**

Name: .....

Designation: .....

Department/Institution:.....

Address for Communication:

Contact No: .....

Category: Faculty / Research Scholars /  
Industrial Delegates

Accommodation Required: Yes / No

**Declaration**

I hereby declare that the given information is true to  
the best of my knowledge

Place:

Date: Signature

Signature of the Principal / HOD with seal

**BOOK POST**

To

**From**

The Co-ordinator,  
FDP on Grid and Cloud Computing,  
Department of Computer Science and Engineering,  
K.L.N.College of Information Technology,  
Pottapalayam - 630612.  
Sivagangai District

Three Days Faculty Development Program  
on  
**Grid and Cloud Computing**

**11.05.2016 to 13.05.2016**

*Organized by*

**Department of Computer Science  
and Engineering**



**K.L.N.COLLEGE OF INFORMATION TECHNOLOGY**

Accredited by NBA - AICTE & Affiliated to Anna University  
An ISO 9001 : 2008 certified institution  
Pottapalayam - 630612. Sivagangai District

**Ph: 0452-6562566, 6454167**

**E-mail: gacc16.klncit@gmail.com**

**URL: www.klncit.edu.in**

**Mobile : 9566956219 & 9894688763**

## ABOUT THE INSTITUTION

K.L.N. College of Information Technology has been the first Engineering College on Information Technology started in Madurai in 2001. Amaran Thiru K.L.N.Krishnan is the Founder President, and the College is under the management of Thiru K.N.K.KARTHIK as President and Dr.K.N.K.GANESH as Secretary & Correspondent, other executive committee members. The College is affiliated to Anna University and approved by All India Council for Technical Education (AICTE). The College has got permanent affiliation by Anna University, Chennai for all UG Courses

## COURSES OFFERED

### UG COURSES

B.E. Computer Science and Engineering  
B.E. Electronics and Communication Engineering  
B.E. Electrical and Electronics Engineering  
B.E. Civil Engineering  
B.Tech. Information Technology

### PG COURSES

M.E. Computer Science and Engineering  
M.E. Construction Engineering and Management  
M.E. Communication and Networking  
M.Tech. Information Technology

IT & ECE Departments are approved Research Centres recognized by Anna University, Chennai.

## SALIENT FEATURES

- ★ Sofar 120 University Ranks produced.
- ★ Excellent Placements in Leading National and Multinational Companies .
- ★ Minimum of 80% eligible students are getting placed every year.
- ★ 15 kVA Solar Power Generation inside the campus.
- ★ Effective Entrepreneurship Development Cell.
- ★ Effective R & D Cell.
- ★ 132 Mbps 1:1 leased line internet connectivity.

## ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering was established in the year 2001 with the aim of imparting quality education to the students. The Department has been accredited by National Board of Accreditation (NBA) and also permanently affiliated by Anna University for UG Programme. The Department has very good infrastructure with four well equipped Laboratories, Seminar Hall, Department Library and Class Rooms with LCD projectors. The Department has well qualified faculty members continuously upgrading their knowledge by presenting papers in conferences, attending faculty development training programs to optimize the cutting edge technology prevailing in the field of Information Technology. Most of the faculty members are the members of Professionals bodies like ISTE, CSI.

## SCOPE AND OBJECTIVE

The understanding of grid computing helps in solving large scale scientific problems. This technology has been applied to computationally intensive scientific, mathematical, and academic problems, and it is used in commercial enterprises for such as drug discovery, economic forecasting, and data processing in support for e-commerce and Web services. Hence, it is necessary to understand the security issues in the grid and the cloud environment.

The training will provide a basic foundation on the concept of virtualization. This course provides a hands-on comprehensive study of Cloud concepts and capabilities across the various Cloud service models. This programme also provides practice on grid and cloud tool kits.

## COURSE CONTENTS

- Understand the evolution of cloud computing concepts and benefits
- Introduction to grid services architecture
- Evolution of infrastructure migration approaches (virtualization VMWare/Xen/KVM virtualization, adaptive virtualization, Cloud Computing and on-demand resource provisioning)
- Understand the Globus Toolkit architecture
- Gain competence in Hadoop/MapReduce as a programming model for distributed processing of large datasets

## REGISTRATION DETAILS

Registration fee : Rs.750/-

Registration Kit, Lunch and Transportation will be provided.

Accommodation will be provided within the college campus on request with the nominal charge.

The registration fee is to be paid through Demand Draft drawn in favor of "The Principal, K.L.N.COLLEGE OF INFORMATION TECHNOLOGY", payable at Madurai.

## IMPORTANT DATES

Registration form duly filled and signed by the participant and Principal/HOD is to be sent to the following mail-id on or before **06.05.2016**

**gacc16.klncit@gmail.com**

Intimation of Selection : **09.05.2016**

## WHO CAN ATTEND

Faculty/Research Scholars of CSE, IT, MCA, and ECE departments from Engineering Colleges & Professionals from Industries.

## ORGANIZING COMMITTEE

Dr.J.S.Gnanasekaran, Principal & Patron  
Dr.M.Arunachalam, HOD/CSE, Convenor  
Dr.M.Parvathy, Prof./CSE, Co-ordinator  
Ms.B.Annapoorani, ASP/CSE, Co-ordinator

## FOR FURTHER CONTACT

Dr.M.Parvathy/B.Annapoorani, Co-ordinators,  
Three Days FDP on Grid and Cloud Computing  
Department of CSE,  
K.L.N.College of Information Technology,  
Pottapalayam-630612. Sivangangai District.  
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