UGC Supported Two Days National Level Workshop on Data Science best practices using Amazon cloud and Hadoop Big Data Technologies

13th & 14th August, 2015

Organized by
Department of Information Technology

Convener
Dr.S.Appavu alias Balamurugan, ME., PhD
Professor & Head / IT

Co-ordinators

Mr.G.S.Raman,M.E.,(Ph.D)
Associate Professor/IT

Mr.D.Vikkiramapandian ,M.E
Asst. Professor/IT

K.L.N. College of Information Technology
Accredited by NBA-AICTE for
B.E-CSE,ECE&B.Tech-IT Branches
(An ISO 9001:2008 Certified Institution)
Pottapalayam - 630 612.
(12 kms from Madurai city)
TamilNadu, India.

Course Content:

Amazon Public Cloud:

1. Amazon Web Services-Overview.

2. Creating a linux , Windows instance using Amazon EC2.

3. Configuring Amazon S3

4. Administrating Cloud Vm's using Putty, Puttygen tools

5. Configuring Security groups, Firewall, Port Application based Security rules.

Virtualization using VMware:

1.Installing & Configuring Linux, Windows Server Virtual Machines.

Hadoop Big Data:

1. Overview of Hadoop Big Data Architecture.

2.Hadoop daemons (Name Node, Secondary Name Node, Job Tracker, Data Node, Task Tracker)

3.Blocks,Data replication, Data High Availability Concepts

4. Install & Configure a single node Hadoop Cluster using VM ware.

5. Install & Configure a Single Node Hadoop Cluster using Amazon Public Cloud.

6. Architectural overview of Map Reduce Programming (Mappers, Reducers, Combiners, Partitioners, Shuffler sorter).

Key Features of Workshop:

1.Research Area/Research project related discussion using real time USE CASES(National Stock Exchange Prediction, Web server log Analysis, etc)

2.Live Hands on Lab Access with AMAZON DATA CENTER, USA.

Important dates (Last dates)

Last date of registration   : 07-08-2015
DD (by courier)   : 10-08-2015

Registration Fee:

PG /UG Students   : ₹ 500/-

Research Scholars &
Academicians and industrial
Participants   : ₹ 750/-

The registration fee should reach program desk on (or) before the due date. The registration fee is to be paid through Demand Draft drawn in the favour of **"THE PRINCIPAL, K.L.N COLLEGE OF INFORMATION TECHNOLOGY"**, payable at Madurai.

Address for Correspondence

The Convener,
UGC Supported Two Days National Level Workshop on Data Science best practices using Amazon cloud and Hadoop Big Data Technologies,
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K.L.N. College of Information Technology,
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ABOUT THE COLLEGE

K.L.N. COLLEGE OF INFORMATION TECHNOLOGY is the first Engineering College on Information Technology in Madurai, started in the year 2001 by the munificent of philanthropists and well-wishers in the Sourashtra Community, which is a linguistic minority in Tamil Nadu. The Institution is approved by A.I.C.T.E., New Delhi and is affiliated to Anna University. The Department of Computer Science Engineering, Electronics and Communication Engineering and Information Technology are accredited by AICTE-NBA. The Institution is an ISO 9001-2008 certified for its quality educational management. The institution has MOU with IBM, Infosys and associated with Professional bodies like IEEE, ISTE and EDC.

ABOUT THE DEPARTMENT

Information Technology Department was started in the year 2001 and currently offers B.Tech and M.Tech.(IT) programs. Highly dedicated and well qualified team of faculty members in the Department having considerable academic and research experience are striving their best to provide quality education.
Key Achievements:
1. Anna University Research Centre
2. UGC Recognized Cloud Computing Talent Transformation Centre.

OBJECTIVE OF THE PROGRAM

The main objective of this workshop is to create awareness regarding the underlying Research and Job Opportunities in Cloud & Hadoop Big Data Domain to make Students get a better Placement and other opportunities.

Chief Patron:

Er. K.N.K.Karthik, President, KLNSCEC.

Dr. K.N.K.Ganesh, Secretary & Correspondent, KLNSCEC .

Patrons:

Shri.K.B.Radhakrishnan, Vice president, KLNSCEC.

Shri S.R.Premkumar, Treasurer, KLNSCEC.

Shri.G.R.Radhakrishnan, Joint Secretary, KLNSCEC.

Program Chair:

Dr.J.S.Gnanasekaran,

Principal, KLNCIT

Resource Person:

1. Mr.G.S.Pradeep Kumar B.E.,MBA

    Principle Architect, LENOVO, Bangalore.

2. Mr.S.R.SathishKumar, BCA, MBA,

    Bigdata Architect, Singapore.

3. Dr.S.Appavu alias Balamurugan M.E., Ph.D

    Prof & Head, Department of IT, KLNCIT

4. Mr.G.S.Raman, M.E.,(Ph.D)

    Associate Professor, Dept of IT, KLNCIT & Corporate Trainer cum Consultant (Cloud, Big Data)

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REGISTRATION FORM

Name :

Designation :

Organization :

Educational Qualification:

Address for Communication:

Telephone no (with STD code):
Mobile no :
E-mail id :

Amount: Rs …………… DD.No:……………………………
Date:…………………… Bank:…………………………………

Signature of the Delegate

PG /UG Students : ₹ 500/-	
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