

Workshop on  
**“Cloud Computing and Big Data”**

**23 & 24 September 2016**

**Dr. Mahalingam College of  
Engineering and Technology  
Pollachi-642 003**

**Department of Information Technology**

**REGISTRATION FORM**

I would like to participate in the workshop

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

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

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

Institution/Organization: \_\_\_\_\_

Address: \_\_\_\_\_

Phone/Mobile: \_\_\_\_\_

E-Mail: \_\_\_\_\_

I have enclosed DD (in favour of  
**“The Principal, Dr. Mahalingam College of  
Engineering and Technology, Pollachi”** payable  
at **Pollachi**) for the amount of  
Rs. \_\_\_\_\_ only towards  
registration fees.

DD Number: \_\_\_\_\_

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

Signature of the candidate

**Organizing Committee**

**Chief Patron:**

**Prof. C. Ramaswamy**  
Secretary, NIA Educational Institutions

**Chairmen:**

**Dr. S. Vijayarangan**  
Director (Academic), MCET

**Dr. M. Ramakrishnan**  
Principal, MCET

**Dr. A. Rathinavelu**  
Vice Principal, MCET

**Conveners:**

**Dr. S. Ramakrishnan**  
HOD - IT

**Ms. L. Meenachi**  
AP(SS)/IT

**Mr. K. Balasamy**  
AP / IT

**Organizing Secretaries:**

**Mr. E. Prabhakar** AP / IT

**Mr. K. Kanagasabapathi** AP / IT

**Organizing Members:**

**Ms. N. Premalatha** AP / IT

**Ms. S. Rubika** AP / IT

**Ms. R. Bavithra** AP / IT

**Ms. K. Keerthika** AP / IT

Workshop on  
**“Cloud Computing and  
Big Data”**

**23 & 24 September 2016**

*Organized by*

**Department of  
Information Technology**



**Dr. MAHALINGAM COLLEGE OF  
ENGINEERING AND TECHNOLOGY**

(An Autonomous Institution)  
(Accredited by NBA, NAAC  
with 'A' Grade Institution)

**Pollachi - 642003**

**Coimbatore (Dt), Tamilnadu**

Phone: +91-4259-236030/40/50

Fax: +91-4259-236070

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

### **ABOUT THE COLLEGE**

Dr.Mahalingam College of Engineering and Technology (MCET) was established in the year 1998 by Dr.M.Manickam with a view to commemorate the 75th birth year of his beloved father Arutchelvar Dr.N.Mahalingam with a mission to impart high quality competency based education in Engineering & Technology to the younger generation with the required skills and abilities to face the challenging needs of the industry around the globe. MCET is a self financing, co-educational Engineering College and it is approved by All India Council for Technical Education (AICTE), New Delhi & affiliated to Anna University. The Institute has been accredited by the National Board of Accreditation (NBA), New Delhi and ISO 9001:2000 certified by TUV. The MCET currently offers 8 UG, 6 PG and 3 doctoral programme in Engineering, Technology and Science.

### **ABOUT THE DEPARTMENT**

The department of Information Technology was established in 1999, offers B.Tech (IT) programme, affiliated to Anna University and accredited by National Board of Accreditation (NBA) & AICTE. The faculties of the department have over 100 publications in conferences and journals like IEEE Transactions, Springer Verilog, Wiley IET, CSI, etc. During the last five years, the department has conducted handful of National conferences and seminars sponsored by AICTE, Infosys, TNSCST.

The areas of expertise of the faculty members include Information processing, Data Base Management, Software Engineering, Web Technologies and Networking, etc.,

Our Department and EMC<sup>2</sup>, Bangalore have signed in a MOU to provide training to the students in information storage management. Our department and SAP, Bangalore have signed in a MOU to provide training for students on SAP products and business applications. Our department and VMware, Bangalore have signed in a MoU to provide training for the students on VMware products and business applications.

### **OBJECTIVE OF PROGRAM**

The objective of this workshop is to create awareness among participants regarding the job opportunities that is existing in IT Industries and other sectors with respect to cloud computing & Big data with scenario and case study based presentation.

### **TOPICS**

#### **Day 1**

- ◆ Introduction to Public and Private Clouds with LIVE industry based Usecases.
- ◆ Amazon AWS (EC2-Elastic Compute Cloud, EBS-Elastic Block storage,S3-Simple Storage Service)
- ◆ Amazon cloud security (Security Groups, Rule based Access Control, Public and Private Keys based security)
- ◆ Virtualization using vmware workstation12 (Creating Linux, windows server VM's)

#### **Day 2**

- ◆ Introduction to BIG DATA with an Industry Based scenario
- ◆ Architectural Overview of Hadoop Framework
- ◆ HDFS, MAP REDUCE related concepts
- ◆ Introduction to Hadoop Eco System components (Hive,Pig,Sqoop,Flume)
- ◆ Installing and configuring Hadoop Single and Multi Node cluster using vmware and Amazon Public cloud
- ◆ Running a Map Reduce in Hadoop cluster

### **WORKSHOP OUTCOMES**

All participants will know How to build an Enterprise Level Hadoop multi node Cluster using a Amazon Public cloud EC2 and VMware.

### **RESOURCE PERSON**

Experts from Industry and Academia.

### **ELIGIBILITY**

Faculty and students from AICTE approved Engineering Colleges/ Universities are eligible to attend the workshop.

### **IMPORTANT DATES**

Last date for receipt of Applications :20.09.2016  
Confirmation by Participants : 21.09.2016

### **FEES DETAILS**

Students :**Rs. 600/-**  
Faculty Members/  
Industry Delegates :**Rs. 750/-**

### **HOW TO APPLY**

The applicants should send their application in the specified format along with DD (in favour of **“The Principal, Dr. Mahalingam College of Engineering and Technology, Pollachi” payable at Pollachi**) to reach us on or before 20.09.2016.

### **ADDRESS FOR COMMUNICATION**

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