

**National workshop  
On  
Cloud Computing**

**Registration Form**

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

Qualification : \_\_\_\_\_

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

Organization : \_\_\_\_\_

Address for Communication:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Mobile No : \_\_\_\_\_

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

Cash/ DD Details:

For an amount: Rs. \_\_\_\_\_

\_\_\_\_\_ (In words) only.

Demand Draft No: \_\_\_\_\_

Dated On : \_\_\_\_\_

Name of the Bank: \_\_\_\_\_

**Declaration**

I hereby declare that the information furnished above is true to the best of my knowledge.

Date:

Place:

Signature of Participant

Chief Patron

**Dr.Raghava Chirabuddi**

Chairman CVR College of Engineering  
(Autonomous)

Affiliated to JNTUH

Patron

**Prof. A.D.Raj Kumar**

Principal, CVRCE

Convener

**Prof. R.Seetharamaiah**

Head, Department of IT, CVRCE

Coordinators

**Prof. Bipin Jaya Singh,**

**B.Vikranth,** Assoc. Prof.

Organizing Committee

**K.Brahmanand,** Assoc. Prof.

**H.N.Lakshmi,** Assoc. Prof.

**S.Anupkanth,** Asst. Prof.

Resource Persons

**Dr.Raj Kumar Buyya,** Univ. of Melbourne,  
Australia

**Dr.Arun Agarwal,** Univ. of Hyderabad

**Dr.Rajeev Wankar,** Univ. of Hyderabad.

**Mr.K.Raghavendra,** ADRIN, Dept. of Space.

**Registration Details:**

Rs. 200/- . A formal receipt will be given for the registration amount.

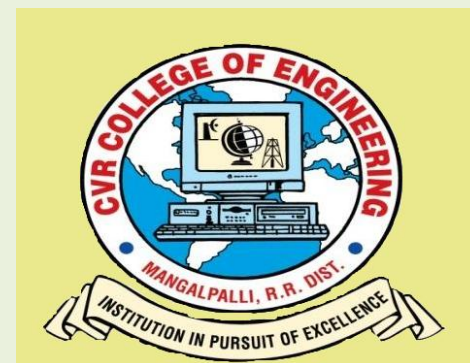
**Mode of Payment:** Either CASH or DD. DD should be in favor of Principal, CVRCE payable at SBI, Amberpet.

Please fill the attached registration form and send it along with the registration amount to the correspondence address given in the section Contact Us on or before **December 31, 2011.**

*One Day Workshop  
On*

**CLOUD COMPUTING**

**January 4<sup>th</sup> 2012**



*Organized  
By*

**Department  
Of**

**Information Technology**

**CVR College of Engineering  
(Autonomous)**

**Vasthunagar, Mangalpalli (V),  
Ibrahimpatan (M), R.R.District-501510,  
Andhra Pradesh.**

## **About us:**

### **About CVR College of Engineering**

Cherabuddi Education Society has established the CVR College of Engineering in the year 2001. This is the only College established by NRIs working in USA. Based on the information available at Sanketika Bhavan, CVR is rated in the Top Five Colleges of OU region based on the students admission preference. CVR College has Principal, Dean, Senior Professors from JNTU, OU and leading industries. All the Teachers were selected by JNTU and appointed by the College and are given AICTE Pay Scales with full allowances.

The College offers B.Tech. Degree in EEE, EIE, ECE, CSE, IT, Civil & Mech with a total intake of 720 & M.Tech in CSE, CS, ES, VLSI, Cellular & Mobile & EPE. The College has 23 Senior Professors from Academics and Industry, with total faculty strength of 215. College has about 40 faculty pursuing their research in various fields of interest.

CVR College of Engineering has entered into MOUs with JNTU, Intel Corporation, Infosys, IIIT(H), IBM, EMC Academy. The College has entered into MOU with Cadence Design Systems, Inc., and received full-fledged VLSI Tools. The College has research facilities in the areas of distributed and parallel computing.

College has won best placement award from JKC two times in a row.

### **About workshop:**

#### **Objective:**

The workshop is intended to provide opportunity to the participants to upgrade their knowledge in recent advances in distributed computing and emerging cloud computing. The workshop will cover (1) technologies for Implementing Cloud Computing Environment on a Network of Computers, (2) the latest trends in cloud for the researchers and (3) guidelines on introducing cloud computing courses in academic Curriculum.

## **Description:**

The advent and adoption of the Internet in the 90s changed the way the ICT industry functions, permanently. Lowering costs in computation and communication is driving the focus from personal to Data Center-centric computing. Computing is being transformed to a model consisting of services that are commoditized and delivered in a manner similar to traditional utilities such as water, electricity, gas, and telephony. In such a model, users access “computing” services without regard to where the services are hosted or how they are delivered. Several computing paradigms have promised to deliver this vision and they include Internet computing, Grid computing, and more recently Cloud computing.

Cloud computing has recently emerged as one of the buzzwords in the IT industry. Several IT vendors are promising to offer storage, application and computation hosting services, and provide coverage in several continents, offering Service-Level Agreements (SLA) backed performance and uptime promises for their services.

Cloud Computing is viewed as a Next Revolution / Big Switch in IT and the industry is rapidly shifting its focus from developing applications for PCs to Data Centers and Clouds that enable millions of users make use of software simultaneously. This is creating a huge demand of manpower with skills in Cloud computing area.

### **Topics to be Discussed:**

- 21<sup>st</sup> Century vision of Computing
- Recent Advance in Distributed Computing
- Cloud Computing- Opportunities and Challenges
- Virtualization and Cloud Computing Technologies
- Aneka – Platform for Building Cloud and their Applications
- Implementing Enterprise Cloud Computing Environment on a Network of Computers
- Demonstrate of Aneka Middleware and Applications
- Open Issues Future Directions in Cloud Computing.

## **About Speakers:**

**Dr. Rajkumar Buyya** is Professor of Computer Science and Software Engineering; and Director of the Cloud Computing and Distributed Systems (CLOUDS) Laboratory at the University of Melbourne, Australia. He is also serving as the founding CEO of Manjra soft Pty Ltd., a spin-off company of the University, commercializing its innovations in Grid and Cloud Computing. He has authored and published over 300 research papers and four text books. The books on emerging topics that Dr. Buyya edited include, High Performance Cluster Computing (Prentice Hall, USA, 1999), Content Delivery Networks (Springer, Germany, 2008), Market-Oriented Grid and Utility Computing (Wiley, USA, 2009), and Cloud Computing (Wiley, USA, 2011). He is one of the highly cited authors in computer science and software engineering worldwide.

**Dr. Arun Agarwal** is Professor of Computer Science and Engineering, Dept. of Computers & Information Systems, University of Hyderabad. His areas of interest include Computer Vision, Distributed Computing & Grid Computing. He has authored and published over 70 research papers.

**Dr. Rajeev Wankar** is Associate Professor of Computer Science & Engineering, Dept. of Computers & Information Systems, University of Hyderabad. He is Expert in the areas of Parallel Computing, Distributed Computing & Grid Computing. He has authored and published over 25 research papers.

### **Contact:**

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Head, Dept. Of Information Technology,  
CVR College of Engineering,  
Vasthunagar, Mangalpalli (V),  
Ibrahimpatan (M), R.R.District-501510,  
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**Mobile No:** +91 – 9985390033

**B.Vikranth,** Associate Professor,

**Mobile No:** +91 –9440250604.

# One Day Workshop on Cloud Computing

January 4 (Wednesday), 2012, time: 9:00AM to 6:00PM

Organized by: CVR College of Engineering, Mangalpalli, Ibrahimpatnam , Hyderabad

Technical Support:

- University of Melbourne & Manjrasoft, Australia
- University of Hyderabad, India

Convener: Prof. Seetharamaiah, Professor and Head, Department of Information Technology, CVR College of Engineering

## Objective

The workshop is intended to provide opportunity to the participants to upgrade their knowledge in recent advances in distributed computing and emerging cloud computing. The workshop will cover (1) technologies for Implementing Cloud Computing Environment on a Network of Computers, (2) the latest trends in cloud for the researchers and (3) guidelines on introducing cloud computing courses in academia.

## Description

The advent and adoption of the Internet in the 90s changed the way the ICT industry functions, permanently. Lowering costs in computation and communication is driving the focus from personal to Data Center-centric computing. Computing is being transformed to a model consisting of services that are commoditized and delivered in a manner similar to traditional utilities such as water, electricity, gas, and telephony. In such a model, users access “computing” services without regard to where the services are hosted or how they are delivered. Several computing paradigms have promised to deliver this vision and they include Internet computing, Grid computing, and more recently Cloud computing.

Cloud computing has recently emerged as one of the buzzwords in the IT industry. Several IT vendors are promising to offer storage, application and computation hosting services, and provide coverage in several continents, offering Service-Level Agreements (SLA) backed performance and uptime promises for their services. While these ‘clouds’ are the natural evolution of traditional clusters and data centers, they are distinguished by following a "utility" pricing model where customers are charged based on their utilisation of computational resources, storage and transfer of data.

Cloud Computing is viewed as a Next Revolution / Big Switch in IT and the industry is rapidly shifting its focus from developing applications for PCs to Data Centers and Clouds that enable millions of users make use of software simultaneously. This is creating a huge demand of manpower with skills in Cloud computing area. Many Universities around the world have introduced Cloud Computing in their curriculum. It is expected that JNTU, Osmania University and University of Hyderabad will be introducing Cloud Computing course for their Engineering Programmes soon.

**Topics to be discussed**

21<sup>st</sup> Century Vision of Computing

Recent Advances in Distributed Computing

Web Services and Service Oriented Architecture

Cloud Computing – Opportunities and Challenges

Virtualization and Cloud Computing Technologies

Aneka – Platform for Building Clouds and their Applications

Implementing Enterprise Cloud Computing Environment on a Network of Computers

Demonstration of Aneka middleware and applications

Data Intensive Computing Applications

Open Issues and Future Directions in Cloud computing