



Call for Papers: NCBDC² - 2015
National Conference
on
Big Data and Cloud Computing
March 20-21, 2015



Organized By
Department of Computer Applications
&
Department of Computer Science and Engineering,
National Institute of Technology, Tiruchirappalli

Patron:

Dr.S. Sundarrajan,
Director, NIT Trichy

Organizing Chairs:

Dr. S. Nickolas,
Dept. of CA,
NIT Trichy

Dr. A. Vadivel,
Dept. of CA,
NIT Trichy

Dr. S. Mary Saira Bhanu,
Dept. of CSE,
NIT Trichy

Important Dates:

Submission of papers:

23rd February, 2015

Notification of Acceptance:

3rd March, 2015

Final Paper with Registration Fee:

12th March, 2015

Call for Participation

The conference aims to provide an excellent opportunity for the dissemination of interesting new research ideas in the area of Big Data and Cloud Computing. In addition it provides a prime national forum for students, researchers, industry practitioners and domain experts to exchange the current trends and issues in Big Data and Cloud Computing as well as their synergy.

Original research papers are invited primarily from Master level students and Ph.D. scholars from leading Engineering and Research Institutions. Academicians, Scientists, R & D Personnel and Practicing Engineers are also invited to submit the papers. The authors are requested to send a soft copy of their full paper in MS-Word format as an attachment to the conference E-mail ID. All registered papers will be published in the proceedings of the conference. At least one author of the accepted paper must register himself/ herself for the presentation.

The paper should be in IEEE format limited to a maximum of 6 pages(A4) and the paper should be sent to ncbdc2@nitt.edu, ncbdc2@gmail.com

Acceptance will be intimated to the corresponding author

Conference Advisory Committee

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Dr. Deepak Garg, Thapar University

Topics

The scope and topics of particular interest for **NCBDC² - 2015** include, but not limited to

- Big Data Theory, Applications and Challenges
- Big Data Mining and Analytics on Cloud
- Big Data Infrastructure, Map Reduce and Cloud Computing
- Big Data Visualization
- Large Data Stream, Incremental Datasets on Cloud
- Distributed and Federated Datasets
- NoSQL Data Stores and DB Scalability
- Big Data Sharing, Security, Privacy and Trust
- Big Data Placement, Scheduling, and Optimization
- Distributed File Systems for Big Data
- Big Data Processing, Resource Scheduling and SLA on Cloud
- Performance Characterization, Evaluation and Optimization
- Simulation and Debugging of Big Data Systems
- Data Management and Distributed Data Systems
- Big Data Applications
- Programming & Architectural Cloud Models
- Provisioning & Pricing Cloud Models
- Data Storage and Computation in Cloud Computing
- Resource and Large-scale Job Scheduling in Cloud Computing
- Security, Privacy, Trust, Risk in Cloud and Big Data
- Fault Tolerance and Reliability in Cloud Computing
- Resource Virtualization
- Monitoring and Auditing in Cloud
- Social Computing and Impacts on the Cloud
- Migration of Business Applications to Cloud
- Energy Aware Scheduling, Monitoring, Auditing in Cloud
- Green Cloud
- Big Data and Cloud Use Cases

Organising Committee

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Registration and Final Paper Submission

- Paper should be formatted according to IEEE format and limited to a maximum of 6 pages.
- At least one of the authors of the paper should register for presenting the paper in the conference.
- The paper with no registration fee will not appear in the conference proceedings.
- The authors willing to attend the conference should fill the registration form and send it along with the registration fee.
- For all future correspondence, please use your paper ID as reference (will be provided on submission of paper)
- The student participants are requested to attach proof from the affiliated college or institution

Registration Fee Details:

Industry Participants : Rs. 3500*

Faculty / Academicians : Rs. 2500*

Students / Research Scholars : Rs. 1500*

***Fees inclusive of Service Tax**

Mode of Payment:

The registration fee should be in the form of Demand Draft drawn in favor of “**The Director, NIT Trichy**” payable at Trichy.

Contact Person(s):

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REGISTRATION FORM

Date:

Name (in Block Letters) :

Designation :

Department :

Institution/Organization :

Email id :

Mobile No :

Category (Tick the appropriate)

Academicians *Research Scholars/Students Industry Participants

***Students/Research Scholars must attach Proof of Identity**

Accommodation Required** : Yes No

** Twin sharing basis and will be charged as per Institute norms.

PAYMENT DETAILS

Demand Draft No : DD Date:

Bank Name : Amount:

Signature of the Applicant