FIFTH INTERNATIONAL CONFERENCE
ON
ADVANCED COMPUTING

ICoAC 2013

December 18 – 20, 2013

Organized jointly by

Department of Computer Technology, Anna University
Madras Institute of Technology Campus, Chennai

and

University of Hyderabad, Hyderabad

Technically Co-Sponsored by
About the organizations

Anna University was established on 4th September 1978 as a unitary type of University. It offers higher education in Engineering, Technology and allied Sciences relevant to the current and projected needs of the society. Besides promoting research and disseminating knowledge gained there from, it fosters cooperation between the academic and industrial communities.

Madras Institute of Technology shall strive towards becoming a world class institution by producing professionals with a high technical knowledge, professional skills and ethical values. In 1949, Shri.C.Rajam, gave the newly independent India-Madras Institute of Technology, so that MIT could establish the strong technical base it needed to take its place in the world. It was merged with Anna University in the year 1978. MIT has produced great scientist like Dr.A.P.J.Abdul Kalam. Madras Institute of Technology has developed into an important centre of engineering education and earned an excellent reputation both in India and abroad.

The Department of Computer Technology at the MIT Campus, Chennai was bifurcated from the Department of Information Technology in the year of 2010, with a view to promote the pursuit of excellence in the field of Computer Science and Engineering. The department has research centre CARE (Centre for Advanced Computing Research and Education) sponsored by the Ministry of Communication and Information Technology (MCIT), Government of India, aims at establishing a research centre to produce human resources in the area of Grid and Cloud Computing and recent trends.

University of Hyderabad

The University of Hyderabad, a premier institution of post graduate teaching and research in the country, was established by an Act of Parliament (Act No. 39 of 1974) on 2nd October, 1974 as a Central University, Wholly financed by the University Grants Commission. The "objects of the University" as envisaged in the Act are: to disseminate and advance knowledge by providing instructional and research facilities in such branches of learning as it may deem fit and by the example of its corporate life, and in particular to make special provisions for integrated courses in humanities and science in the educational programmes of the University and to take appropriate measures for promoting inter-disciplinary studies and research in the University.”

About the Conference

ICoAC 2013 (Fifth International Conference on Advanced Computing) seeks to bring together international researchers to present papers and generate discussions on current research and development in latest trends in computing. The conference will feature a range of presentations on latest research as well as stimulating talks and keynote addresses. Theme of the conference is "Internet of Things and Big data”

ICoAC 2013 is an international conference in the field of Computer Science and Communication, focusing to address issues and developments in advanced computing. It is hosted by Department of Computer Technology annually during December. The First, Second, Third and Fourth editions of ICoAC have been held during 13-15 December 2009 (ICoAC), 14-16 December 2010 (ICoAC), 14-16 December 2011 (ICoAC) and 13-15 December 2012 (ICoAC). Information Society is facing challenges due to the complexity of its structure in terms of networking, middleware, peer to peer applications, ubiquitous computing, pervasive computing with diverse usage in commercial, personal, communal and public domains, posing various critical issues to be addressed and solved. This conference is technically co-sponsored by IEEE Madras Section.

Topics of Interest include (but not limited to the following)

- Ad hoc & Sensor Networks
- Agent Based Systems
- Autonomous Computing
- Body Area Network
- Cloud Computing
- Cluster Computing
- Compiler Optimizations
- Data Mining
- Digital Image Computing
- Distributed Databases
- E-Learning
- E-Commerce and E-Governance
- Green IT
- Grid Computing
- Image Processing
- Intelligent Agents
- Knowledge Management
- Machine Learning
- Mobile Computing
- Multi core Architecture
- Multimedia Streaming
- Natural Language Processing
- Network Security and Management
- Neural Networks
- Parallel Computing
- Pattern Recognition
- Pervasive Computing
- Power Aware Computing
- Semantic Web
- Service Oriented Architecture
- Soft Computing
- Social Computing
- Storage management
- Ubiquitous Computing
- Virtualization
- Web Intelligence
Submission Details

Prospected authors are invited to submit original unpublished research manuscripts that demonstrate current research in all areas of Advanced Computing. The full paper submission should be done through EDAS conference submission system. The selected papers will be published in IEEE Xplore. Few quality papers, after further revision, will be published in an International Journal (Approval Pending).

Important Dates

Paper Submission Opens : 15th March 2013
Paper Submission Closes : 15th June 2013
Notification of Acceptance : 15th September 2013
Camera Ready Copy : 15th October 2013
Registration : 15th November 2013

Few Sponsors of Previous Conferences

For further details Contact:

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