The International Conference on Contemporary Computing, is jointly organized every year since 2008 by the **Jaypee Institute of Information Technology, Noida**, India and the **University of Florida, Gainesville, USA**. It focuses on topics that are of contemporary interest to computer and computational scientists and engineers. IC3·2014 will bring together researchers and practitioners from academia, industry and government to deliberate upon the algorithmic, systemic, applied, and educational aspects of contemporary computing. The conference will be held in NOIDA (outskirts of New Delhi), India. The conference will feature world-class keynote speakers, exhibits, special sessions, tutorials, and paper presentations.

Accepted papers, only when presented in the Conference by registered authors, will be submitted for inclusion to IEEE Xplore. Previous IC3 proceedings are indexed by DBLP, SCOPUS, and Google Scholar. According to Google Scholar, IC3′s h5 index = 8 and h5 median = 9. The publishers of the previous proceedings are - IEEE Xplore, USA (2013), Springer, Germany (2009-2012), and McMillan, India (2008).

Important Dates:
Paper Submission Deadline: May 9, 2014   Author Notification: June 30, 2014
Final Camera Ready Manuscripts and Registration: July 10, 2014
Conference Organisation:

Chief Patrons	General Co-chairs
Jaiprakash Gaur	Sartaj Sahni, University of Florida, USA
Manoj Gaur	Hari Om Gupta, JIIT, India
Patrons	Sanjay Goel, JIIT, India
Yaj Medury	**Program Co-Chairs**
S. C. Saxena	Manish Parashar, Rutgers, The State University of New Jersey, USA
Steering Committee	Umesh Bellur, lIT Bombay
Sartaj Sahni, University of Florida, USA	
Sanjay Ranka, University of Florida, USA	
Srinivas Aluru, Iowa State University, USA & lIT Bombay, India	
Manish Parashar, Rutgers, The State University of New Jersey,	
Guna Seetharaman, Air Force Research Laboratory, USA	
Sanjay Goel, JIIT, India	
Track Co- Chairs	**Web Administration**
Algorithms	Sandeep K. Singh, JIIT, India
S.D. Madhu Kumar, NIT Calicut, India	**Publications Commitee**
Priya Chandran, NIT Calicut, India	Vikas Saxena, JIIT, India (Chair)
Murali Krishnan, NIT Cali cut, India	Satish Chandra, JIIT, India (Co-Chair)
Kamesh Madduri, Penn State University, USA	Dharmveer Rajpoot, JIIT, India (Co-Chair)
Applications	Buddha Singh, JIIT, India
C. Chandra Sekhar, lIT Madras, India	Adwitiya Sinha, JIIT, India
Narendra Nanjangud, IBM India	Kavita Mehta, JIIT, India
Carlos Varela, RPI, USA	Kishore Kumar, JIIT, India
Systems	**Publicity Co-chairs**
Sanjay Chaudhary, Ahemedabad University, India	Divakar Yadav, JIIT, India
Kavi Arya, lIT Bombay, India	Shishir Kumar, JUET, India
Xiaolin Li, University of Florida, USA	Nitin, JUIT, India
Education	Amit Kumar Pandey, Aldebaran Robotics, France
Sushil K. Prasad, Georgia State University, USA	**Graphic Design**
	Anuja Arora, JIIT, India
	Registration and Local Arrangement Co-chairs
	Prakash Kumar, JIIT, India
	Saurabh K. Raina, JIIT, India
	Manish K Thakur, JIIT, India
	Sangeeta Mittal, JIIT, India
	Hema N, JIIT, India

Keynote Speakers:
- H. J. Siegel, Colorado State University, USA (Fellow of IEEE and ACM)
- Martin Henson, University of Essex, UK (Fellow of the Royal Society of Arts, and British Computer Society)
- Azzedine Boukerche, University of Ottawa, Canada (Fellow of the AAAS, Engineering Institute of Canada, and Canadian Academy of Engineering)
- Albert Y. Zomaya, Professor, University of Sydney, Australia (Australian Research Council Professorial Fellow)
- Krithi Ramamritham, IIT Bombay, India (Fellow of IEEE, ACM, Indian National Academy of Engineering, Indian Academy of Sciences, and National Academy of Sciences, India)
- Ashok Jhunjhunwala, IIT Madras, India (Fellow of the Indian National Academy of Engineering, India, Indian National Science Academy (INSA), and The National Academy of Science, Allahabad)
- Tirumale K Ramesh, Amrita University, India (Senior Member, IEEE)

Conference Tracks:
The conference is organized along the lines of four different tracks.
(i)   Algorithms, (ii) Systems (Hardware & Software), (iii) Applications, (iv) Education

Applications	Algorithms
Artificial Neural Networks	Approximation Algorithms
Audio and Speech Processing	Complexity Theory
Cloud Computing Applications – SaaS	Fault-tolerant Algorithms
Computer Vision	Graph Algorithms
Data Mining	Innovative Data Mining Algorithms
Distributed computing & Big Data Analysis	Optimization Algorithms
E-Commerce	Network and Peer-to-Peer Algorithms
Image Processing	Numerical Algorithms
Information Retrieval	Parallel and Distributed Algorithms
Information Systems	Randomized Algorithms
Machine Learning	Security and Privacy Algorithms
Bioinformatics	Scheduling and Load Balancing Algorithms
Pattern Recognition	
Service-Oriented Computing	
Software Engineering	
Web Services	

Systems	Education
Ad hoc, Sensor, Vehicular, Underground and Underwater Networks	Student understanding or misunderstanding, Pedagogical, curricular, epistemological, ontological or assessment related issues in computing programs or courses
Cluster, Grid and P2P Computing	Innovative teaching methods in computing courses
Cryptography and Applied Mathematics	Transfer of professional practices into classroom
Distributed Computing	Animation/visualization/simulation systems
Embedded Systems and Robotics, Embedded Systems and VLSI	Education technology, Educational resources and communities
Enterprise, data center, and storage-area networks	E-learning, MOOC and its effect on engineering education, Platforms for MOOC
High Performance Computing	IT entrepreneurship education
Information Security	
Intelligent Systems, Next generation Internet	
Performance evaluation of networks and distributed systems	
Parallel and Multi-core Computing	
Reconfigurable architectures	
Security, Trust and Privacy	
Smart phones and Security	
Social Network Behavior, Modeling, and Analysis	
System/network-on-chip, Wireless Networking	
Virtualization & Cloud Computing	

Paper Submission Guidelines:
Authors are invited to submit manuscripts (through EDAS) that demonstrate *original unpublished research*. Papers are limited to 6 single spaced, double column pages. Please see the conference website http://www.jiit.ac.in/jiit/ic3 for paper submission procedures and detailed guidelines. Papers will be reviewed by experts and selected for presentation and inclusion in the conference proceedings based on their clarity, originality, relevance and significance.