



Springer



jims
Sector-5, Rohini, Delhi

ICICCT-2017

International Conference
On
Information, Communication and
Computing Technology

May 13, 2017

www.jimsindia.org/icicct2017

at

India International Centre (IIC)

**40, Max Mueller Marg,
New Delhi – 110003, India.**

ABOUT THE INSTITUTE

Jagan Institute of Management Studies (JIMS) imparts professional education in the fields of Management and Information Technology. The Institute has been working for the attainment of mission: to develop highly skilled and professional human resource for industries and businesses. Our PGDM Programme is approved by the All India Council for Technical Education and accredited from National Board of Accreditation (NBA) for excellence in quality education. PGDM has also been granted equivalence to MBA degree by Association of Indian Universities (AIU). Our MCA, BCA and BBA programmes are affiliated to Guru Gobind Singh Indraprastha University, Delhi. Our MCA programme is accredited by National Board of Accreditation (NBA) for both the shifts.

OUR VISION

To be an Institute of Academic Excellence with total commitment to quality education and research in Management and Information Technology with a holistic concern for better life, environment and society.

OUR MISSION

To serve the society and improve the quality of life by imparting high quality education in management and information technology, providing training and development services, fostering research, giving consultancy services to industry and disseminating knowledge through the publication of books, journals and magazines.

ABOUT SPRINGER-CCIS

Springer is a global publishing company that publishes books, e-books and peer-reviewed journals in science, technical and medical (STM) publishing. It was founded in May 10, 1842 with headquarters in Berlin, Heidelberg, Germany. The Springer CCIS series is devoted to the publication of proceedings of computer science conferences. Besides globally relevant meetings with internationally representative program committees guaranteeing a strict peer-reviewing and paper selection process, conferences run by societies or of high regional or national relevance are also considered for publication.

ABOUT COMPUTER SOCIETY OF INDIA (CSI)

Formed in 1965, the CSI has been instrumental in guiding the Indian InfoTech industry down the right path since its formative years. Today, the CSI has **72** chapters all over India, 511 student branches, and has grown to an enviable size of more than 1,00,000 strong members. The mission of CSI is to facilitate research, knowledge sharing, learning and career enhancement for all categories of InfoTech professionals while simultaneously inspiring and nurturing new entrants into the industry and helping them to integrate with the InfoTech community. JIMS is an

institutional member of CSI from the past several years, as well as a student chapter of CSI is running at JIMS, Rohini.

ABOUT THE CONFERENCE

With recent developments in the field of Computer Science, Jagan Institute of Management Studies is organizing International Conference on Information, Communication and Computing Technology. The conference will provide forum for research scholars, scientists and engineers to share their experiences in this field.

VENUE

Conference will be held in New Delhi, the beautiful capital of India at “IIC (India International Centre), 40, Max Mueller Marg (Gate No.1), New Delhi”. IIC is located at approximately 20 minutes drive from Khan Market metro station, New Delhi-India.

GENERAL CHAIR:

Dr. Daya Gupta, Professor, Computer Science & Engineering Department, Delhi Technological University, Delhi. She is the Senior Member of I.E.E.E, Life Member Computer Society of India. Her area of interest is Information Security, Requirements Engineering, Swarm Intelligence, Nature Inspired Algorithm, Data Warehouse & Data Mining.

PROGRAM CHAIR:

Dr. Shampa Chakraverty, Professor and Head, Computer Engineering Department, Netaji Subhas Institute of Technology (NSIT), University of Delhi, Sector-03, Dwarka, New Delhi. Having spent 5 years in the industry and 26 years in academics, she has had the opportunity to learn, research on, teach and engage in different aspects of computing. Her area of interest includes Analysis of Big Social Data and Recommender Systems, E-Learning and E-Governance, Machine Learning and Document Classification, Digital Database Watermarking Engineering pedagogy, Design Exploration of Multiprocessor Architectures.

KEYNOTE SPEAKER

Dr. Vasudha Bhatnagar, Professor in Deptt. of Computer Science, Faculty of Mathematical Sciences, University of Delhi, Delhi, India. Her broad area of interest is Intelligent Data Analysis. She is particularly interested in developing process models for Knowledge Discovery in Databases, use data mining and machine learning algorithms to do analytics and designing data mining algorithms for classification, clustering and different types of item-sets.

CONFERENCE SECRETARIAT

ORGANIZING COMMITTEE

Patron	Convener	Convener
Dr. V.B. Aggarwal	Dr. Latika Kharb	Dr. Deepak Chahal
Dean-IT, JIMS.	Associate Professor	Mob: 9991919389

ADVISORY BOARD

Dr.Samit Bhattacharya Indian Institutes of Technology (IIT),Guwahati	Prof. K. K. Shukla Indian Institutes of Technology (IIT),Varanasi
Dr. Praveen Srivastava Indian Institutes of Management (IIM),Rohtak,Haryana	Prof. Rajeev Srivastava Indian Institutes of Technology (IIT),Varanasi
Dr.Jim Bieman Colorado State University,USA	Dr.-Ing. Gholamreza Alirezaei RWTH Aachen University,Germany.
Dr. Wenbing Zhao Cleveland State University,USA	Prof. Abdel-Badeeh M. Salem Ain Shams University,Abbasia, Cairo-Egypt
Dr. Mohd Nazri Ismail University of Kuala Lumpur (UniKL),Malaysia	Prof. B. S. Chowdhry Mehram University,Pakistan
Prof.Alexander Gelbukh Mexican Academy of Sciences,Mexico	Dr. Rainier Ngie Ong De La Salle University, Philippines
Prabhat K. Mahanti University of New Brunswick,Canada	Dr. Muhammad Tanvir Afzal Capital University of Science and Technology, Islamabad, Pakistan
Dr. Markus Santoso Fraunhofer Institute for Digital Media Technology,Germany	Prof.Janusz Kacprzyk Systems Research Institute,Warshaw,Poland
Dr. Goutam Sarker National Institutes of Technology, Durgapur	Dr. R. K. Pateriya Maulana Azad National Institute of Technology Bhopal (MANIT Bhopal)
Dr. Annappa National Institutes of Technology, Surathkal	Dr. N.P Singh Management Development Institute (MDI),Gurgaon
Dr. Sanjiv K Bhatia Univ. of Missouri – St. Louis,Columbia,USA	Dr. Chiranut Sa-ngiamsak Khon Kaen University, Thailand
Dr.Mazliza Othman University of Malaya,Kuala Lumpur, Malaysia	Mr.O'Brien, Brett J University of Texas,Sant Antonio,USA
Dr.Rajendra V. Boppana University of Texas,Sant Antonio,USA	Dr Ramesh Rayudu Victoria,University of Wellington,New Zealand
Dr.Chin-chen Chang Feng Chia University,Taichung, Taiwan	Dr Nikos Komminos University of London,U.K
Professor Edmund Lai Auckland University of Technology,Auckland, New zealand	Dr. Zarinah Binti Mohd Kastrun University of Malaya,Kuala Lumpur, Malaysia
DR. ALI MOHAMMED MANSOOR ALSAHAG University of Malaya,Kuala Lumpur, Malaysia	Dr. Siew Hock OW University of Malaya,Kuala Lumpur, Malaysia
Dr.Chiranut Sa-ngiamsak University of Manchester Institute of Science and Technology (UMIST) , U.K	Dr Isaac Nti Auckland University of Technology,Auckland, New zealand

CALL FOR PAPER

The **International Conference on Information, Communication and Computing Technology (ICICCT-2017)** will be held on **May 13, 2017 (Saturday)** at **India International Centre (IIC)**, 40, Max Mueller Marg, **New Delhi – 110003**, India, in collaboration with **Springer CCIS** and **CSI**. The **ICICCT-2017** conference themes, grouped in **three** tracks. Sample areas include, but are not limited to the following:

TRACK I: NETWORK SYSTEMS & COMMUNICATION SECURITY	
Network Management & Traffic Engineering	Network Algorithms and Performance Evaluation
Network Architectures	Network Security, Trust and Privacy
Optical & Satellite Networks	Wireless networks & Cloud security
Communications Services and Management	Cloud Communications and Networking
Future Internet Architecture and Protocols	Cryptography and Data security
Green Networking and Smart Grid	Security Architectures, Models and Protocols
Internet of Things	Social Media Privacy
Mobile Computing and Vehicle Communications	VLSI
Mobility and Location Management	Signal Processing
Nano-Scale, Molecular and Quantum Networking	Wireless & Semantic Sensor Network
TRACK II: SOFTWARE ENGINEERING	
Autonomic and (self-)adaptive systems	Requirement engineering
Big data software engineering	Reverse engineering
Cooperative, distributed, and collaborative software engineering	Program analysis and testing
End-user software engineering	Program comprehension and visualization
Green and sustainable technologies	Programming, specification, and modeling languages
Agile software development	Security, privacy and trust
Soft Computing	Software economics, management, and metrics
Model-driven engineering	Software evolution and maintenance
Software testing	Software architecture, modeling, design and reuse
Ubiquitous/pervasive software systems	Software product lines
TRACK III: ALGORITHMS & HIGH PERFORMANCE COMPUTING	
Data Structure & Algorithm Design	Algorithm for VLSI Design
Fault tolerant Distributed Algorithm	Reliability and Fault-tolerant Computing
Information retrieval & Algorithm Design	High-performance Scientific Computing
Design & analysis of Parallel & Distributed Algorithm	Multimedia in Parallel Computing
Algorithm & High Performance Computing	Parallel Machine Learning Algorithms

PAPER SUBMISSION

Authors are invited to electronically submit their unpublished research contributions keeping in mind the relevance of conference tracks. The submitted papers through Springer OCS portal shall be accepted only if they strictly follow the relevant format of Springer CCIS series. The corresponding author will be intimated about status of their paper after being double blind review by at least Three experts in the field based on originality, significance, quality and clarity. The quality of papers will decide the publication of paper in post conference proceedings either in **Springer CCIS series (Soft copy only)** or in conference **proceedings bearing ISBN number** (Hard copy only). This means that only some selected papers will be published by Springer in their prestigious Communications in Computer and Information Science series (CCIS) series. Contributions will only be published in any of the **two ICICCT-2017** post conference proceedings if at least one of the authors of the paper is registered **before 15/4/2017**.

Note: Papers are to be submitted through the Springer OCS link (available on website).

IMPORTANT DATES

Call for Paper	Dec 06, 2016
Last Date of Submission	Feb 15, 2017
Acceptance Notification	April 02, 2017
Final Manuscript Submission Due	April 15, 2017
Registration Due	April 15, 2017
Conference Dates	May 13, 2017

PAYMENT DETAILS

Please send Registration Fee as per the details given here:

Participant Category	CSI Member	Non-CSI Member
Single Paper - Indian Author (Academia*) <i>* Academia includes Professor / Faculty / Research Scholars / PG Student</i>	Rs. 2000	Rs. 3000
Single Paper - Indian Author (Industry)	Rs. 4000	Rs. 5000
Single Paper - Author from Outside India	No Fee	

- *While making online payment, authors are requested to mention their Paper ID clearly in Payment Remark to enable us to trace your payment in the Bank Statement.*
- *Free Boarding and Lodging for outstation Candidates (Indian/Foreign Participants).*

REGISTRATION PROCESS

Registration fees should be sent in the form of Demand Draft/Cheque/Online Payments in favor of Jagan Institute of Management Studies, payable at Delhi. Registration fee can also be sent using on-line banking to the following account (receipt to be sent by e mail with registration form):

A/c Name : Jagan Nath Gupta Memorial Educational Society

A/c No : 612010030694

IFSC Code : VYSA0006120

Bank Name : KOTAK MAHINDRA BANK

Branch Name: ROHINI BRANCH, NEW DELHI-110085

**While making online payment, authors are requested to mention their Paper ID clearly in Payment Remark to enable us to trace your payment in the Bank Statement.*

Once your paper is accepted the registration process begins. You have to complete the following two steps:

Step 1 - Registration Fee: It is mandatory for at least one author of an accepted paper to register in order for the paper to appear in the proceedings and included in the Technical Program.

Step 2 - Copyright Transfer: Accepted paper authors have to submit copyright transfer form for publication.

ORGANIZED BY

JAGAN INSTITUTE OF MANAGEMENT STUDIES (JIMS)

#3, Institutional Area, Sector-5, Rohini.

(Near Rithala Metro Station), Delhi-110085.

Visit us at: www.jimsindia.org/icicct2017

E-mail: icicct@jimsindia.org