

# 2ND INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTING, COMMUNICATION & DEVICES (ICCD-2016)

13th and 14th August 2016

*Organized By :*

*Interscience Institute of Management and Technology(IIMT), Bhubaneswar, Odisha, India*

## ABOUT IIMT

Interscience Institute of Management & Technology ( **IIMT** ), Bhubaneswar started by a team of dedicated academicians with the motto to impart all-round education in the field of management and technology. The group since its inception has evolved qualitatively to match international standards in imparting teaching and training. At present, **IIMT** offers two year full time course in management i.e. PGDM with various specialization of management like Finance, HR and Marketing including Construction and Infrastructure Project management duly approved by AICTE, New Delhi.

## ABOUT ICCD-2016

International Conference on Intelligent Computing, Communication & Devices (ICCD-2016) being organized by Interscience Institute of Management and Technology(IIMT), Bhubaneswar, Odisha, India during 13th and 14th August 2016. The aim of the conference is to provide the platform for Academicians, Researchers, Scientists, and Professionals to share their knowledge and expertise in the field of Intelligent Computing, Communication and Devices.

Authors are invited to submit previously unpublished original research papers and not under consideration for publication elsewhere.

### **Track-1 Intelligent Computing**

The emergent field of Intelligent Computing focuses on the development of a new generation of intelligent systems. It faces the challenges of adapting and combining research in the fields of Intelligent and Distributed Computing.

**Topics in this track include but are not limited to:**

- Intelligent Grid & Cloud Computing
- Internet of Things
- Soft Computing Techniques and Engineering

### Applications

- Data mining and Knowledge discovery
- Semantic and Web Technology
- Hybrid systems
- E-governance, E-commerce, E-learning & Telemedicine
- Mobile & Agent Computing
- Bio-Informatics
- Recommendation System

### **Track-2 Next generation Communication and Networking**

Research in communication and networking has made several possible innovations having a strong influence on people's lives. Mobile communications and the Internet are two outstanding examples. Future Communications and Networks technologies, including mobile broadband and all optical networks are the key to the ground-breaking inventions to our future technologies. It will enable us to design and build the future communication infrastructure interconnecting and empowering the next generation enabling platforms.

**Topics in this track include but are not limited to:**

- Wireless Radio Technologies
- Broadcast technology
- 4 G Mobile technology and 4G wireless networks and systems
- Optical Communication
- Communication Hardware Evolution
- Mobile Technologies
- Machine-to-Machine Communication Networks
- Routing Techniques
- Network Analytics
- Network Applications & Services
- Satellite and Space communications
- Technologies for E-communication
- Global Telecommunication Regulations
- Wireless Ad Hoc and Sensor Networks
- Communications and Information Security
- Signal Processing for Communications

- Network management and traffic engineering
- Digital and Mobile Communication
- Image and Video Processing
- Communication software & Networked Intelligence
- Human-computer communication
- Speech & Natural Language Processing
- Image Processing

### **Track-3 Intelligent Devices**

The field of intelligent devices is an area encompasses the study of any type of equipment, instrument, or machine that has its own computing capability. As computing technology becomes more advanced and less expensive, it can be built into an increasing number of devices of all kinds.

**Topics in this track include but are not limited to:**

- Embedded Systems
- Photonics, RFID, RF MEMS
- VLSI Design & Electronic Devices
- Analog and Mixed-Signal IC Design and Testing
- MEMS and Microsystems
- Solar Cells and Photonics
- Space Electronics
- Nano Devices, Single Electron and Spintronics Devices
- WiMAX& Hand-off and Call Admission, CMOS MEMS
- Intelligent Robotics

The conference proceedings is proposed to be published from Springer Book Series on "**Advances in Intelligent Systems and Computing**".

**The full length papers should be submitted to**

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