**Call for Papers on ICCMIT2019**

**Advances in Distributed Computing and Blockchains -2019(ADCB-19)**

**Organized by:**

Dr. Rajiv Pandey, Ph.D.

Senior Member IEEE

Amity Institute of Information Technology

Amity University Uttar Pradesh, Lucknow Campus, India, 226028

E-mail: rpandey@lko.amity.edu

**Objectives and Motivation**

Blockchains an extension of distributed computing paradigm has seen a tremendous growth over the last few years. The issues of centralization, security were a huge concern. The block chain paradigm is still evolving thus the standards are yet to take shape, however the block chain is considered to be amalgamation of various distributed computing technologies i.e distributed databases, virtualization encryption, distributed mining and consensus algorithms . The evolution of blockchains has given birth to crypto currencies like bit coins and etherum. Block chains are proposed to support business entities via permissioned and permission less to public and private eco systems by embedding smart contracts.

This session aims to solicit high quality contribution on various aspects of Blockchain, distributed computing, virtualization , cryptocurrency and related issues.

**Scope and Interests (not limited to)**

* Distributed computing Concept, and architecture
* Distributed Ledgers
* Decentralized web.
* Cryptoeconomics
* DApps: requirement and development
* Blockchain architecture and security
* Smart contracts
* Tokens
* Distributed mining
* Initial Coin Offerings
* Proof of work
* Public , private and other blockchains
* Cryptography,Security and blockchains
* Byzantine fault tolerance:BFT
* Distributed ledgers v/s blockchains
* Block chain protocols
* Consensus algorithms.
* Data processing in block chains.
* Blockchain databases in distributed computing.
* Distributed operating systems for blockchain.
* Architecture analysis models for blockchain.
* Legal and regulatory issues in blockchains.
* Standards and interfaces in blockchains.

**Paper Submission**

We invite authors to submit original and high quality articles on the abovementioned topics (which are not limited to) at under mentioned email ids to Dr Rajiv Pandey (session chair) rpandey@lko.amity.edu and Dr. Shahnaz Fatima (session coordinator) sfatima1@lko.amity.edu

All instructions and templates for submission can be found in the ICCMIT2019 website:

http://www.iccmit.net/. The accepted papers will be published in ISI/SCOPUS journals. Also, the best articles will be invited to be published as extended article/ book chapter in IGI Book.

**Important Dates**

Paper abstract submission: February 10, 2019

Notification of acceptance: February 20, 2019

Final paper submission and author’s camera ready: March 03, 2019

Conference Dates: March, 2019