**Call for Papers on ICCMIT2020**

**Cloud Computing, Internet of Things and Big Data**

**Organized by:**

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**Objectives and Motivation**

In the modern world, technology is growing more advanced in every minute. These emerging technologies promise new features and advanced capabilities that businesses of any size can take advantage. More and more devices are connecting to the Internet every day, and it’s gone beyond traditional electronics like computers and phones. The Internet of Things (IoT) allows more types of devices to connect with other systems.

Providing the computing power for these devices, can be difficult, however, and managing them all is exasperating without a centralized control. Cloud environments allow for IoT devices to function smoothly by allowing to have the resources necessary to run. Moreover, Massive growth in the scale of data or big data generated through cloud computing has been observed. Addressing big data is a challenging and time-demanding task that requires a large computational infrastructure to ensure successful data processing and analysis.

This conference aims to be a core platform for the presentation of state-of-the-art research in Cloud Computing, Internet of Things (IoT) and Big Data areas related to the theory, policy, technical development, applications and experiences. Conference will be a perfect chance to attract academician and practitioners in the field to exchange knowledge, experience and innovative ideas on cutting-edge topics in Cloud Computing, Internet of Things (IoT) and Big Data.

**Scope (included but not limited to)**

1. Cloud computing
   * 5G and next generation networks
   * Cloud computing for Financial Services
   * Cost Efficiency
   * Effective focus on business
   * Aids in Efficient Performance of a business
   * High level of Data Security
   * Highly Flexible
   * Cloud Computing Architectures
   * Distributed and Cloud Networking
   * Cloud Migration
   * Hybrid Cloud Integration
   * Compliance Management in Cloud
   * Green and Energy Management of Cloud Computing
   * Self-service Cloud Portal, Dashboard and Analytics
   * Cloud Metering and Monitoring
   * Cloud Availability and Reliability
   * Cloud Provisioning Orchestration
   * Architecture support for cloud computing
   * Storage, Data and Analytics Clouds
   * Cloud Solution Design Patterns
   * Autonomic Business Process and Workflow Management in Clouds
   * Cloud Modeling
2. Internet of Things
   * Security and Privacy concerns
   * Internet of Medical Things (IoMT)
   * Stability and Compatibility of clouds
   * IoT Standards and Application Scenarios
   * IoT-based Enterprise Management
   * IoT-based Business Process Management
   * IoT-based Auto Driving
   * IoT-based Intelligent Manufacturing
   * Artificial intelligence IoT (AIoT)
   * Industrial IoT applications
   * Data mining platforms for IoT
   * Smart Actuator and acting technologies
   * Real-time systems for IoT
   * Wearable Devices for IoT
   * IoT-based Smart System
   * IoT-based Robots
3. Big Data
   * Big Data architectures for large-scale context-aware applications
   * Machine learning and prediction of situational awareness with Big Data
   * Effective data collection and processing for concurrent context-aware applications
   * Context-aware dynamic decision making on streaming Big Data
   * Big Context solutions for finance, health, smart cities, industry 4.0, etc.
   * Security, privacy, scalability, and sustainability concerns Big Context systems
   * Dark Data Migration to the Cloud
   * Big Data for IoT
   * IoT big data analytics

**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. Sagheer Abbas (**Session Chair and Co-Chair**

**of the International Technical Committee for Asia Region)**, [dr.sagheer@ncbae.edu.pk](mailto:dr.sagheer@ncbae.edu.pk)

Instructions and templates for submission can be found in the ICCMIT2020 website:

http://www.iccmit.net/. All accepted research articles will be published in various SCOPUS & ISI WoS journals.

**Important Dates**

Paper abstract submission: January 15, 2020

Notification of acceptance: January 30, 2020

Final paper submission and author’s camera ready: February 15, 2020

Conference Dates: 1-2 April, 2020