# ICCRDA-2020
# International Conference on Computational Research and Data Analytics

**On 24th Oct 2020.**

## ********** CALL FOR PAPERS **********

**SPECIAL SESSION ON**

**Security and Privacy in Advent Technology (SPAT)**

**SESSION ORGANIZERS:**

**1.** **Prof. Mukesh Soni, Assistant Professor , Smt. S. R. Patel Engineering College, Unjha, Gujarat, India.**

**2.** **Prof. Prathamesh Churi, Assistant Professor, School of Technology Management and Engineering, NMIMS University, Mumbai, India.**

**3. Dr. S. Gomathi, IEEE member, Coimbatore, India**

**EDITORIAL BOARD: (Optional)**

1. **Dr. Ashok Prajapati, Editor in Chief, Inderscience International Journal of Forensic Software Engineering**
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11. **Madonna Lamin, Assistant Professor, Head Computer Science and Engineering, ITM sls Baroda University.**
12. **Kavita Tewani, Assistant Professor, Computer Engineer Department, Computer Engineer Department,**
13. **Rajit Nair, Assistant Professor, School of Engineering and Technology, Jagran Lakecity University, Bhopal, India.**

14. **Rajni Ranjan Singh Makwana, Assistant Professor. Department of CSE. Madhav Institute of Technology & Science, Gwalior, M.P., A Govt. Aided UGC Autonomous Institute**
15. **Ms. Rashi Kohli, Senior IEEE Member, USA**

## SESSION DESCRIPTION:

Through the advancement of advent technology such as IoT and big data, efficient tools and apps are being interested in our everyday lives. The increasing interest in digital technologies, such as virtual reality, has been increased fact and smart house, pose tremendous obstacles for current computer systems. Edge computing has been suggested as a modern computational model, where resources such as processing and storage located closer to the origins of the results. It makes for a new generation of latency and bandwidth sophisticated technologies and software in health care, Industry 4.0, Smart Transportation, Sustainable Towns, etc.

Yet digital innovations present new threats to computer protection and privacy as well. Since networks are close to the users, enormous data sensitive to privacy may be obtained. When the data breached, the effects are devastating. In comparison, network systems typically have minimal space, so they are more fragile than datacenters. Besides, due to the complexity of the network environment and high device and user mobility, attackers can quickly join the group in stealing information. Therefore, the implementation of protection and privacy frameworks is of great significance for the edge computing systems to maintain transparency, stability, and health. This special session calls for papers focusing on new protocols, algorithms, schemes, architectures, techniques, and services to enhance data security and privacy in advent technologies.

## RECOMMENDED TOPICS:

Topics to be discussed in this special session include (but are not limited to) the following:

- **Agents and mobile communication systems**
- **Authentication and authorization of users, systems, and applications**
- **Businesses models and systems with security and privacy requirements and management**
- **Case studies in security and privacy**
- **Computer worms and viruses**
- **Consumer and business practices and trends**
- **Cryptographic techniques and protocols**
- **Database issues in privacy protection**
- **Developing enterprise management of security and privacy policies and infrastructures**
- **Development of formal models and definitions**
- **Distributed marketplaces, auctions, and gaming**
- **Distributed, forward, and proactive policies and procedures**
- **Economic impact analysis**
- **Electronic commerce, banking, and payment protocols**
- **Encryption, authentication, and access control**
- **Enhancements for storage area networks**
- **E-services, e-voting, and e-government**
- **File and file system security and privacy**
- **Firewall technologies, policies, and trends**

- **Global Privacy issues**
- **Hacking and corruptions**
- **Hacking, cyber-terrorism, and intrusion detection**
- **Heterogeneous and large-scale environments**
- **Identity and privacy confidentiality**
- **Legal, regulatory, and compliance issues**
- **Malicious codes and attacks against networks**
- **Multiparty communications, co-operations, and computations**
- **Networks and security protocols**
- **Privacy in Peer-to-Peer computing**
- **Preserving and enhancing technologies and initiatives**
- **Relationships and trade-offs between security and privacy**
- **Security and privacy techniques, management, and protocols**
- **Tools, techniques, methods, and frameworks**
- **Trends and new developments**
- **Trust architectures and underlying infrastructures**
- **Wireless Body Area Network**
- **World Wide Web authentication and authorization**

**SUBMISSION PROCEDURE:**

Researchers and practitioners are invited to submit papers for this special theme session on **Security and Privacy in Advent Technology (SPAT)** ***on or before 30-08-2020***. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at http://iccrlab.com/paper_submission.html .All submitted papers will be reviewed on a double-blind, peer review basis.

**NOTE:** While submitting paper in this special session, please specify **Security and Privacy in Advent Technology (SPAT)** at the top (above paper title) of the first page of your paper.

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