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Department of Computer Science & Engineering  
GIET University, Gunupur-765022, India



## Security in Next Generation Network: IoT and Cloud Computing Perspective

### Session Chairs:



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### Theme of the Session:

Recent technological advances have completely changed the computing world. A confluence of technological advances marks the advent of a new era. These advances are more human-centric and provide real-life solutions to issues. Internet of Things-based Cloud computing provides smart and faster real-life solutions in many areas such as eTransportation, eHealth, eAgriculture, etc. World data volume is growing at an unprecedented pace, much of it from embedded devices. As the data volume is increasing, the security is challenged. We need to develop the security protocols or security architecture to deal with those challenges. The separation between cyber, physical, and social security is blurring. Collectively, these security developments lead to the emergence of a new field, where the networking and physical security meet.

The goal of this session is to present the latest and most innovative contributions concerning real-life security mechanism. This session is an interdisciplinary forum to discuss challenges, technologies, and emerging directions in system design and implementation that pertain to this security issue. This session invites researchers and practitioners from academia, industry and government, and accepts original, previously unpublished work on a range of topics related to the security domain.

**Scope and Interest:**

Full length original and unpublished research papers based on theoretical or experimental contributions related to the below mentioned topics are invited for submission in this session:

- Analytic foundations and theory of the Security
- Protocols and network abstractions for Security
- Security Architecture
- Email security Spam protection
- Data security in IoT systems
- Privacy protection in IoT systems
- IoT-based cyber-physical and Industrial-Internet Systems
- IoT-based big data analysis
- Data Science and Security
- Data Science analytics for threat detection
- Machine learning for Security
- Deep Learning in Privacy
- Threat detection using Machine Learning
- Cloud Computing Security
- Ubiquitous & Mobile Security
- Cyber Security
- Cyber Law
- Forensic Science and Forensic Analysis of Cyber Crimes
- Social Networks Security

**Publication:**

All accepted and presented papers will be published in the proceedings of the 2020 International Conference on Computer Science, Engineering and Applications (ICCSEA) and included in the IEEE Xplore digital library. IEEE Conference Record #49143.

**Important Dates:**

Paper submission deadline : 31st December, 2019  
Notification of acceptance : 30th January, 2020  
CRC and Registration : 20th February, 2020

**Submission Procedure:**

Authors must submit their manuscripts with their Easy chair login using the submission link

**<https://easychair.org/conferences/?conf=iccsea2020>**

Before submission kindly do send your paper title along with the author names to

[anand\\_glee@yahoo.co.in](mailto:anand_glee@yahoo.co.in).

After submission of your manuscript kindly email Paper ID to the above-mentioned IDs.

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