

# PROPOSAL FOR SPECIAL SESSIONS

IN

## **4<sup>th</sup> International Conference on Cyber Security (ICCS 2018)**

**Titled**  
**Advancement in computing Techniques, Machine learning & Internet of Things.**

### **Motivation and objective of the special session**

The advancement of ICT and Digital Technologies provides an effective medium for students, researcher and teaching professionals to reach out to the users as never before. This session is aimed to provide a platform to share their research work and findings, and to explore opportunities for collaboration and feedback under broader conference themes associated with the Advancement in computing Techniques, Machine learning & IOT. It also provide a forum for high quality reports on state-of-the-art theory, technology and applications of “Advances and innovation in Computing, communication and information technology” as used in measurement, automation, scientific research, industry, academia and in other businesses. Rapid developments in these areas have resulted in more intelligent and accurate methods in manufacturing, telecommunication, automation, robotics, environment science, medical monitoring systems and laboratory equipments also. The initiative provides a focused and highly interactive forum where both researchers and technologists have the opportunity to present and discuss leading research topics, developments and future directions in this area. This session will also help scientist and researchers from different counties in networking/collaborating for better outcomes and knowledge sharing etc.

The areas covered under this topic are:

- IOT
- Computational Intelligence,
- e Representation
- Data Management, Exploration, and Mining,
- Robotics
- Artificial Intelligence and Machine Learning,
- Computer Graphics, Simulation, and Modeling,
- Digital System and Logic Design,
- Natural Language Processing and Machine Translation,
- Parallel and Distributed Algorithms,
- Pattern Recognition and Analysis,
- Systems and Software Engineering,
- Nature Inspired Computing,
- Signal and Image Processing,
- Reconfigurable Computing,
- Cloud, Cluster, Grid and P2P Computing,
- Biomedical Computing,
- Bioinformatics,
- Green Computing,
- Mobile Computing,

- Ubiquitous Computing,
- Context Awareness and Personalization, Autonomic and Trusted Computing,
- Cryptography and Applied Mathematics,
- Security, Trust and Privacy,
- Digital Rights Management,
- Networked-Driven Multicourse Chips,
- Internet Computing,
- Agricultural Informatics and Communication,
- Community Information Systems,
- Computational Economics, Digital Photogrammetric,
- Remote Sensing, GIS and GPS,
- Disaster Management,
- e-governance, e-Commerce, e-business, e-Learning,
- Forest Genomics and Informatics,
- Healthcare Informatics,
- Information Ecology and Knowledge Management,
- Irrigation Informatics,
- Neuro-informatics,
- Open Source: Challenges and opportunities
- Web-Based Learning: Innovation and Challenges.

**Session Chair**

**Dr. Poonam Tanwar**

**Associate professor, CSE**

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**Session Convener**

**Ms. Seema Rawat**

**Assistant Prof (ASET)**

**Amity University, Noida**

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**Ms. Shefali**

**Assistant Prof.**

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