International Conference on
Computational Intelligence and Data Science

(ICCIDS 2019)

6th-07th September 2019

PUBLICATION: All the accepted papers will be published in Procedia Computer Science Journal, Elsevier.

ICCIDS2019

The International Conference on Computational Intelligence and Data Science (ICCIDS2019) provides an International forum for presentation of original research findings, as well as exchange and dissemination of innovative, practical development experiences in different fields of engineering. The conference draws researchers and application developers from a wide range of data mining and computational Intelligence related areas along with their algorithms and applications of current issues of almost all branches of Engineering and Technology.
Awareness of Data Science and its application is becoming popular among the general population. Parallel offers of hope add woes to the researchers of Data Science due to the potential limitations experienced in the real-time. This conference aimed to expand its coverage in the areas of Computational Intelligence and Data Science, where expert talks, young researchers presentations will be placed in every session of the meeting will be inspired and keep up your enthusiasm.

VENUE: The NorthCap University, Gurugram, India

JOURNAL INDEXING: SCOPUS

PUBLICATION POLICIES:
Kindly visit the conference website (http://iccids2019.ncuindia.edu/Paper-Submission) for details.

Session Title: COMPUTATIONAL INTELLIGENCE AND DATA SCIENCE FOR SECURED HEALTHCARE

Name(s), designation, and affiliation, email and contact no. of session chair(s)/ session Co chair(s) and session-committee members:

Biography: Dr. Naveen N C received hid Ph.D from SRM University, Chennai and currently working as Professor in the department of Computer Science and Engineering at JSS Academy of Technical Education, Bengaluru, India. He has successfully completed a project on "Hybrid Real Time Intrusion Detection System" and an industry sponsored project from GE Global Research on "Deep Learning Models for Named Entity Recognition". He is a member of IEEE and ACM with research interest on Machine Learning, Data Science and Security.

AIM: To focus on recent developments in the field of Machine Learning, Healthcare with security and privacy

SCOPE: With the recent advances in Machine Learning (ML) algorithms many applications such as big data analytics, autonomous systems and security diagnostic tools have evolved. As ML is becoming more and more powerful, algorithms can make feasibly predict without having direct access to the user's private information. ML algorithms have proven to be applied in a variety of application domains that can with little knowledge about the domain and the data develop effective ML algorithms and update programs and adapt to changing conditions. With the advances in big data and data science, privacy concerns have dominated every advancement and every new ML algorithm that is developed. This is the same for ML that learns from big data that is unstructured in nature to fundamentally think for itself and make good decisions. This presents an entirely new threat to security and privacy that opens up a big challenge in big data analytics on a whole new measures. Current ML applications are more vulnerable to hackers where privacy of individuals that are represented in the data sets would be modified in the training data that can compromise both the data and the final goal of the ML algorithm. Researchers have demonstrated how ML could directly be used in the invasion of privacy and the vulnerabilities remains unlimited. ML is now becoming more important that new systems and prototypes are deployed in every domain imaginable. This is leading to a fast and pervasive deployment of software that are used for inference and decision making. Since there is a growing research work that ML exposes new vulnerabilities in software systems, this will focus on recent findings on ML security and privacy.

Topics of Interest: The topics of interest include but are not limited to:

- Evolutionary Computation
- Deep Learning
- Learning Classifiers
- Computational Intelligence for Pattern Recognition and Medical Imaging
- Healthcare
- Medical knowledge discovery, analysis and gene deletion data
- Data and knowledge visualization