

ICIITCEE-2023
BNM Institute of Technology, Bengaluru
27th-28th Jan 2023

******* Special Session Proposal *******

TITLE OF THE SESSION

Emerging Technologies on Data Science, Machine Learning and its Optimized Techniques

SESSION ORGANIZERS:

Dr.R.Rajkumar, Professor, School of Computer Science and Engineering, Vellore Institute of Technology Vellore

Dr.E.Sathiyamoorthy, Professor, School of Information Technology and Engineering, Vellore Institute of Technology, Vellore

Dr. Jolly Masih, Associate Professor, Symbiosis University of Applied Sciences, Indore (MP)

Dr. Jyoti Munnavalli, Associate Professor, BNMIT - Bengaluru

OBJECTIVE OF THE SPECIAL SESSION:

We aim to provide a leading opportunity to researchers, academicians, and professionals from different background areas to exchange the latest research ideas and research and development on data science, emerging technologies on machine learning and optimized techniques there are huge amounts of data generated, and it contains various types of data. This huge data has evolved as a most challenging field of study and research area. It has drawn much attention during the last few years and influences our modern society business, government, health-care and research in almost every discipline. Existing approaches to data analysis mainly rely on traditional data mining techniques in which machine learning is explicitly expressed. Machine learning and optimization techniques are delivering a promising solution to the industry for data analysis systems and to make innovation at a rapid pace.

This special session is integrating machine learning methods and advanced optimization Opportunities to bring efficient data analysis services. Further, machine learning approaches had addressed various challenges of data science such as anomaly detection, multivariate analysis, Streaming and visualization of data.

TOPICS OF THE SPECIAL SESSION:

The main objective of this special session is to present the research from different areas of science and technology. This special session provides a platform for researchers and scientists across the world to exchange and share their experiences and research results about all aspects of electronics and information technology. This special session also provides an opportunity to interact and establishes professional relations for future collaboration. The special session aims to promote innovations and work of researchers, engineers, students and scientists from across the world on Advancement in electronic and computer systems. The basic idea of the special session is what more can be done using the existing technology.

In Today's world electronic and computer systems plays an important role for future's innovation.

Areas of Coverage (sub-themes)

This special session solicits original, high-quality research papers in topics including, but not limited to:

- Probabilistic and statistical model
- Learning theory
- Soft Computing
- Big-data Tools and Techniques
- Optimization methods
- Data compression and sampling
- Statistical learning
- Machine learning and evolution methods
- Deep learning
- Modeling and simulation of mobile cloud
- Cloud-let discovery in mobiles
- Learning Classifiers and Analytics
- Parallel and distributed learning
- Real Time Analytics
- Social & Information Network Analysis
- Data Visualization
- Sensor Analytics
- Market Basket Model
- Link Analysis
- Business Analytics
- Social Media Mining
- Mining Data Streams
- IOT Analytics
- Recommendation System
- Speech Analytics
- Scientific data and big data analysis
- Artificial intelligence
- Scalable analysis and learning
- Data pre-processing
- Sampling, Reduction High directional data
- Future selection and future transformation
- High performance computing for data analytics Architecture
- Management and process for data science
- Data Mining
- Bioinformatics Analysis
- Movie Analytics
- Sports Analytics

