ICICC-2020
International Conference on Innovative Computing and Communication

Organized by Shaheed Sukhdev College of Business Studies, New Delhi, India
On 21-23ʳᵈ Feb 2020.

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

SPECIAL SESSION ON

Deep Learning in diverse Computing and Network Applications (DLCNA)

 EDITORIAL BOARD: TBD

SESSION ORGANISER:

Dr. Koyel Datta Gupta
Department of Computer Science Engineering
Maharaja Surajmal Institute of Technology
Janakpuri, New Delhi – 110058
koyel.dg@msit.in
9999061790
Dr. Rinky Dwivedi
Department of Computer Science Engineering
Maharaja Surajmal Institute of Technology
Janakpuri, New Delhi – 110058
rinkydwivedi@msit.in
9958433922

SESSION DESCRIPTION:

Deep learning is a machine learning technique with the capability of unsupervised learning from unstructured /unlabeled data. It is also referred as deep neural learning or deep neural network. Deep Learning has brought a revolution in artificial intelligence. In deep learning, a computer model learns to perform classification tasks directly from text, images, or even sound. Deep learning models can accomplish state-of-the-art precision, at times exceeding human-level performance. It is a leading technology behind driverless cars, voice control in consumer devices like phones, tablets, TVs, and hands-free speakers, providing solutions to achieve high-integrity, security, privacy, and energy efficiency in embedded systems, managing mobile traffic volumes, real-time extraction of fine-grained analytics, and agile management of network resources, . The objective of this special issue on - **Deep Learning in diverse Computing and Network**

Applications is to offer an opportunity to researchers, scientists, engineers and academicians across the world to share their research works, innovative ideas and the potential problems encountered in this domain.

The special session expects to congregate good quality research papers presenting novel ideas which may help to provide possible solutions for several core challenges in computing and networking systems, as well as recent solutions demonstrating the feasibility of building computing and networking applications that are powered by effective, efficient, and reliable deep learning models.

RECOMMENDED TOPICS:

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

- Software defined networks
- Wireless and sensor networks
- Internet of Things (IoT)
- Cloud Computing
- Edge and Fog Computing
- Learning theory and modeling
- Signal detection
- Pattern recognition and classification
- Bioinformatics applications
- Intelligent multimedia and web processing
- Social networks, security and privacy

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **"Deep Learning in diverse Computing and Network Applications" on or before 1**st **December 2019.** 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://icicc---conf.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 **Deep Learning in diverse Computing and Network Applications"** at the top (above paper title) of the first page of your paper.