

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

Emerging research and innovation in Data Science (RDS)

SESSION ORGANIZERS:

Dr. Shilpa Bhalerao

Acropolis Institute of Technology and Research,

Affiliation : RGPV Bhopal, India

Email: shilpabhalerao@acropolis.in

Bhalerao.shilpa@gmail.com

EDITORIAL BOARD: (Optional)

ASDF Journals

SESSION DESCRIPTION:

Nowadays, availability of abundant data from every activity of science, social and commerce etc. generated interest amongst the researchers for improving business intelligence.. Application of computational intelligence, methods, and systems on these large data sets yields knowledge to data. Data science is one emerging field of research for generating business intelligence useful in decision making in every domain of life. The widespread adoption of data science creates exciting challenges across all areas of computer science - including artificial intelligence, database technologies, distributed systems, computer architecture, software engineering, algorithm design, and theory – but also raises novel societal challenges like privacy, fairness, transparency and accountability. The Data Science track aims to give an overview of all aspects related to modelling, analysis, knowledge extraction, and learning from Big data,

The goal of this session is to gather researchers from the fields of data science, machine learning and artificial intelligence together with experts in the statistics to present and discuss research issues and application of data science. The session will consist of a series of contributed presentations on applied research that fits the theme of data science and computational intelligence in a broad sense.

In particular, in this special session we want to cover case studies , challenges, research in theoretical aspect, tools used in data science in which participants from different sectors — academia, researchers, practitioners from industry. Participants will exchange their ideas and generating new research prospects. Also, the session will particularly welcome those contributions which aim at closing the gap between developing models and algorithms, and

their practical applications .Other topics of interest will be: models interpretability in support of better decision making; data science applied to impact measurement in various sectors; algorithms, practices for better decision making.

RECOMMENDED TOPICS:

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

- Application and Case studies of Data Science in humanity, social science, Health care
- Data-driven and agent-based modelling of complex systems across the sciences
- Decision making algorithms
- Data analytics , graph analytics and mining
- Data visualization and exploration
- Data Science tools
- Pattern recognition
- Computer vision and image detection
- Methodological Foundation and statistical inference learning
- Methods to uncertainty of data, missing data
- Knowledge representation

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **Emerging Research and innovation in Data Science on or before 5 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 Emerging research and Innovation in Data Science at the top (above paper title) of the first page of your paper.

* * * * *