

**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: Data Science for Software Engineering

**session chair(s)/ session Co chair(s)
session-committee members:**

Name(s): Dr. Lov Kumar, Assistant Professor, BITS-Pilani, Hyderabad Campus
Dr. Neetu Sardana, Associate Professor, IIIT, Noida
Dr. Sangeeta, Assistant Professor (Senior Grade), IIIT, Noida
Ms. Anjali Goyal, Assistant Professor, NCU.

Aims and Objective: With the growth in the software repositories data, there is an immense need that software practitioners should be equipped with data science skills. These skills can help them in analysing the data to make various business decisions. Recently, there has been explosion in the research in the field of software engineering due of availability of huge data in the repositories to explore various research related possibilities like the process of developing predictive models, such as defect prediction and change prediction, bug triaging, developer social network analysis, source code analysis, etc. The Session also covers the application of machine learning and artificial intelligence techniques in software engineering. The aim of this special session is to provide a

platform for all researchers, academicians and industrialists, the latest developments in the area of Software Engineering using Data Sciences and other allied fields.

Topics of Interest:

- Fault Isolation and Repair using Data Sciences
- Human Factors and Social Aspects of Software Engineering using Data Sciences
- Software Metrics using Data Sciences
- Software tools for analysis using Data Sciences
- Mining Software Repositories using Data Sciences
- Program Comprehension and Visualization using Data Sciences
- Open Source Development using Data Sciences
- Empirical Software Engineering using Data Sciences