

### Important Dates:

- Last Date: January 15, 2022
- Notification: January 30, 2022
- Registration: February 10, 2022
- CRC Copy: February 20, 2022

### Publication

All accepted and registered papers of this special session will be submitted for inclusion into IEEE Xplore.

IEEE Xplore Digital Library. IEEE  
Conference Record # 53509

### Presence on IEEE Website

<https://tinyurl.com/bsbmbv63>

### Submission Guidelines

As per IEEE Guidelines

### Previous Conferences

#### ESCI-2021

<https://tinyurl.com/pws2s5m8>

#### ESCI-2020

<https://tinyurl.com/d5t99emd>

#### WIECON-ECE 2016

<https://tinyurl.com/3pt23mb9>

### Registration

Please visit conference  
webpage for registration and  
other details:

<https://esciioit.org/>

**Special discount of Rs.1000/- on  
registration fees for all accepted  
papers of this special session.**

## Call for Papers

**Session Title:** Advances in Data Engineering and Machine Learning

**Session Chair:** Dr. Niranjana Murthy M, Ph.D,

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**Abstract:** Data engineering is the aspect of data science that focuses on practical applications of data collection and analysis. For all the work that data scientists do to answer questions using large sets of information, there have to be mechanisms for collecting and validating that information. Data engineers are responsible for finding trends in data sets and developing algorithms to help make raw data more useful to the enterprise. Machine learning engineers are sophisticated programmers who develop machines and systems that can learn and apply knowledge without specific direction. Machine learning engineering is the process of using software engineering principles, and analytical and data science knowledge, and combining both of those in order to take an ML model that's created and making it available for use by the product or the consumers. "Advances in Data Engineering and Machine Learning Engineering" will reach a wide audience including data scientists, engineers, industry, researchers and students working in the field of Data Engineering and Machine Learning Engineering.

**Topics of Interest:** Original and unpublished papers are invited on the following topics and not limited to:

- Research on Supervised Learning Techniques
- Research on Unsupervised Learning Techniques
- Machine Learning Approaches in Semantic Web
- Machine Intelligence in Data Science and Big Data
- Learning Analytics in Knowledge Graphs
- AI and machine learning-based models for sentiment analysis in content (image, audio, and video)
- Machine Learning and Artificial Intelligence
- Computer and Intelligent Communication analysis
- Big Data Analysis
- Sentiment Analysis
- Machine learning frameworks
- Data Wrangling
- Data Engineering
- Devops tools and techniques

**Paper Submission Process:** Please submit your paper (in word/pdf format) at [drmmurthy@gmail.com](mailto:drmmurthy@gmail.com) with Name of Special Session mentioned in the subject line on