



3rd INTERNATIONAL CONFERENCE ON MACHINE INTELLIGENCE AND  
SIGNAL PROCESSING  
MISP-2021

(<https://www.misp.nitap.ac.in>)

Organized by

NATIONAL INSTITUTE OF TECHNOLOGY ARUNACHAL PRADESH, INDIA

SEPTEMBER 23-25, 2021

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1. *Title of the Special Session: Advances in Machine Learning and Data for Software Engineering*

2. *Details of Session Chair and Co-Chair:*



Dr. Astha Pareek

Senior Assistant Professor - CS

IIS (deemed to be) University, Jaipur

Email: [astha.pareek@iisuniv.ac.in](mailto:astha.pareek@iisuniv.ac.in)



Dr. Geetika Vyas

Senior Assistant Professor - CS

IIS (deemed to be) University, Jaipur

Email: [geetika.vyas@iisuniv.ac.in](mailto:geetika.vyas@iisuniv.ac.in)

3. *Aims & Scope (Theme of Session):*

Data Mining as well machine learning is gaining attention from researchers, being driven among others by technological innovations (such as cloud interfaces), novel paradigms (such as social networks) as well as software engineering.

This special session is based on Data Mining and Machine Learning for Software Engineering. With the recent advances in many fields of information technologies & its applications, software engineering along with machine learning and data mining have gained attention and are more & more envisioned for several issues related to research & business applications ranging from developing practices for traditional software to analyzing Big Data and its applications.

The session aims at inviting Researchers, Academicians and Industry Persons working in the related fields, across the globe, to present novel & fundamental advances & challenges and to discuss latest issues along with its possible solutions on the theme of the session



covering emerging trends in area of Software Engineering, data mining, machine learning and other related topics.

#### 4. Subtopics:

- Data Mining techniques and innovation
- Data mining algorithms for big data
- Recommender systems
- Sentiment Analysis
- Data Mining in Modeling, Visualization, Personalization and Recommendation
- Recent trends in Cloud computing
- Cloud and Data Sciences
- Machine learning and data mining
- Software Engineering Decision Making
- Software Maintenance and Testing
- Advanced Topics in Software Engineering
- Prediction models for quality assessment and enhancement

#### 5. Technical Programme Committee(s):



Dr. Sachi Nandan Mohanty  
Associate Professor  
Department of Computer Engineering,  
College of Engineering Pune, Pune India  
[sachinandan09@gmail.com](mailto:sachinandan09@gmail.com)



Dr. Sonali Vyas  
Assistant Professor  
Department of Computer Science  
University of Petroleum and Energy Studies,  
India

6. **Submission Procedure:** Researchers and practitioners are invited to submit papers through the below given easy chair link:

[Springer Author's Guidelines](#)

[EasyChair Submission](#)

All submissions must be original and may not be under review by another publication. The submitted papers will be reviewed on a double-blind and peer review basis.



## 7. Publications:

All accepted and registered papers under MISp 2021 will be considered for publication in Springer Book Series, "Advances in Intelligent Systems and Computing".

All inquiries should be directed to the attention of Session Chair/Co-Chair:

**Name:** Dr Astha Pareek/ Dr Geetika Vyas

**Designation:** Senior Assistant Professor/ Senior Assistant Professor

**Email Id:** [astha.pareek@iisuniv.ac.in](mailto:astha.pareek@iisuniv.ac.in) / [geetika.vyas@iisuniv.ac.in](mailto:geetika.vyas@iisuniv.ac.in)

**Contact Number:** 09772204388/ 9772203707

## Submission Guidelines for Authors

- ❖ Prospective authors are invited to submit original research work that falls within the scope of the session. All submissions will be thoroughly peer-reviewed by experts based on originality, significance and clarity.
- ❖ Only papers presenting novel research results or successful innovative applications will be considered for publication in the conference proceedings.
- ❖ Authors are requested to submit their Manuscripts through the Easy Chair System. The paper must be in Springer AISC series format and of maximum 12 pages. Authors are requested to submit their Manuscripts through the Easy Chair System.
- ❖ Authors are requested to kindly strictly follow the paper format. Please visit conference webpage for paper format <https://www.misp.nitap.ac.in>.

## Springer Policy on Plagiarism

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- ❖ Papers found to be plagiarised during any stage of review shall be rejected.
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- ❖ Hence, it is the responsibility of each author to strive for the highest ethical standards with respect to plagiarism.

### Special Session Timeline

Paper Submission Deadline: 1<sup>st</sup> April 2021

Notice of Acceptance: 1<sup>st</sup> May 2021

Camera Ready Due: 10<sup>th</sup> May 2021

Registration Due: 15<sup>th</sup> May 2021

Conference Date: 23<sup>rd</sup> -25<sup>th</sup> September 2021

