



# 3<sup>rd</sup> 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:

*Machine Learning for Future in Wireless Communication*

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

*Dr. Shrawan Kumar*

*Assistant Professor*

*Department of Computer Science,*

*Indira Gandhi National Tribal University, Regional Campus Manipur*

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

In the era of rapidly changing emerging technology with advancement, smartness, and innovation, Machine Learning (ML) is playing a significant role. Today, different areas of wireless communication are also not untouched by use of ML. Considering the constraints and challenges of wireless communication various new techniques of ML are imbedding in its different areas. Following diverse areas are as but not limited to:

- Internet of Things (IoT)
- Green Wireless Sensor Networks (GWSNs)
- Wireless Sensor Networks (WSN)
- Intelligent transportation
- Mobility monitoring
- Underwater Acoustic Sensor Networks (UWSNs)
- Unmanned Aerial Wireless Sensor Networks (UAWSNs)
- Medical Internet of Things (MIoT)
- Aerial surveillance and monitoring
- Smart cities monitoring Sensor Networks
- Multi-sensor fusion Networks

## 4. Subtopics:

- Security, privacy and trust
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- Localization
- Decentralised IoT through Blockchain
- Integration of WSN with IoT
- Context-aware applications and services
- 5G/B5G and WSN integration
- Smart fault-tolerance solutions
- Network modelling and performance analysis
- Architectures of Intelligent green computing technology for WSNs

## 5. Technical Programme Committee(s):

- **Dr. Sanjoy Das**  
Associate Professor  
*Department of Computer Science,*  
*Indira Gandhi National Tribal University, Regional Campus Manipur*  
Email: [sdas.jnu@gmail.com](mailto:sdas.jnu@gmail.com)
- **Dr. Ranjit Rajak**  
Assistant Professor,  
Department of Computer Science & Applications,  
Dr. Harisingh Gour Central University Sagar (M.P.)  
Email: [ranjit.jnu@gmail.com](mailto:ranjit.jnu@gmail.com)
- **Mr. Sumit Kumar**  
Assistant Professor,  
Department of Computer Science & Engineering, Technology Education &  
Research Institute, Kurukshetra, Haryana, India 136119  
Email: [sumiter@gmail.com](mailto:sumiter@gmail.com)

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

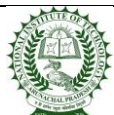
[Springer Author's Guidelines](#)

[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. Shrawan Kumar

**Designation:** Assistant Professor

**Email Id:** shrawankatiyar@gmail.com

**Contact Number:** +91-9871585587

## 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. Papers longer than 12 AISC pages will be subjected to an extra page fee at 50 USD per extra page. 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.
- ❖ As per the copyright transfer agreement, Authors are deemed to be individually and collectively responsible for the content of manuscripts published by them.
- ❖ 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

