# 5th International Conference on
## *MACHINE LEARNING, IMAGE PROCESSING, NETWORK SECURITY & DATA SCIENCES (MIND 2023)*

**21-22 December, 2023**

### National Institute of Technology Hamirpur, India

## Tracks

### Machine Learning and Computational Intelligence
- Theoretical Computer Science
- Artificial Intelligence
- Pattern recognition
- Computer Graphics
- Virtual Reality
- Distributed & Cloud Computing
- Signal Processing
- Software Architecture
- Soft Computing
- Grid and Cluster Computing
- Evolutionary Algorithms
- Ubiquitous Computing
- Parallel and Distributed Networks
- Perceptual Computing, and related topics
- Learning using Ensemble and boosting strategies
- Active Machine Learning
- Manifold Learning
- Fuzzy Learning
- Kernel Based Learning
- Genetic Learning

### Image Processing and Computer Vision
- Watermarking Methods and Protection
- Wavelet Methods
- Image Data Structures and Databases
- Multi-resolution Imaging Techniques
- Multimedia Systems and Applications
- Novel Image Processing Applications
- Camera Networks and Vision
- Cognitive and Biologically Inspired vision
- Active and Robot Vision
- Fuzzy and Neural Techniques in Vision
- Medical Image and Video Analysis
- Color and Multispectral Processing
- Computational Imaging
- Video Processing and Analytics
- Visual Quality Assessment
- Deep learning for Images and Video
- Human activity recognition
- Software Tools for Imaging
- 3D Imaging

### Data Sciences and Big Data
- Big data management
- Platforms and technologies for big data
- Data retrieval
- Big data storage techniques
- Data mining and warehouse
- Data visualization
- Modelling structure and storage of big data
- Scalability and portability issues of big data
- Big data recommender systems
- Digital Forensics
- Parallel processing of big data
- Distributed access of big data
- Applications of big data and related topics
- Web mining
- Social Network Analysis
- Text Mining
- Sentiment Analysis
- Algorithms
- Novel Theoretical Models
- Novel Computational Models
- Data and Information Quality
- Data Integration and Fusion

### Network and Cyber Security
- Network Performance Analysis
- Human factors in security and privacy
- Security and privacy in ad hoc networks
- Security and privacy in e-services
- Security and privacy in grid computing
- Security and privacy in mobile systems
- Cyber risk and vulnerability assessment
- Cyber-crime and warfare
- Insider threat detection and prevention
- Critical infrastructure protection
- Intrusion detection and prevention
- Botnet detection and mitigation
- Visual analytics for cyber security
- Security and privacy in social network
- Machine learning for Biometric security and privacy
- Security and privacy in wireless sensor networks
- Security and privacy in pervasive computing

## Chief Patron
Prof. H M Suryawanshi (Director, NIT Hamirpur)

## Patron
Prof. Anoop Kumar (Dean, Faculty Welfare, NIT Hamirpur)

## Honorary Chairs
Prof. Lalit Awasthi (Director, NIT Uttarakhand)
Prof. Jorge Morato (Universidad Carlos III de Madrid, Leganés, Spain)

## General Chairs
Prof. Bharat K. Bhargava (Purdue University, USA)
Prof. Pradip K. Das (IIT Guwahati)

## General Co-Chairs
Dr. Kamlesh Dutta (NIT Hamirpur)
Dr. T P Sharma (NIT Hamirpur)
Dr. Siddharth Chauhan (NIT Hamirpur)
Dr. Gyanendra Verma (NIT Raipur)

## Organizing Chair
Dr. Naveen Chauhan (NIT Hamirpur)

## Organizing Secretary
Dr. Rajeev Kumar (NIT Hamirpur)
Dr. Arun Kumar Yadav (NIT Hamirpur)
Dr. Mohit Kumar (NIT Hamirpur)
Dr. Badal Soni (NIT Silchar)

## Publication Chairs
Prof. Divakar Yadav (IGNOU, New Delhi)
Dr. Nitin Gupta (NIT Hamirpur)
Dr. Rajesh Doriya (NIT Raipur)

## Publicity Chairs
Prof. John Wang (Montclair State University, USA)
Prof. Jerry Chun-Wei Lin (Western Norway University of Applied Sciences, Bergen, Norway)
Dr. Dharmendra P Mahato (NIT Hamirpur)
Dr. Sangeeta Sharma (NIT Hamirpur)
Dr Prashant Kumar (NIT Jalandhar)

## Technical Chairs
Dr. Pardeep Singh (NIT Hamirpur)
Dr. Jyoti Srivastava (NIT Hamirpur)
Dr. Priyanka (NIT Hamirpur)

## Important Dates
- **Paper Submission Starts : 15 Jun 2023**
- **Paper Submission Deadline (Round 2) : 5 Nov 2023**
- **Notification of Acceptance (Round 1): 15 Nov 2023**
- **Notification of Acceptance (Round 2): 30 Nov 2023**
- **Camera Ready Submission : 5 Dec 2023**
- **Conference Dates : 21-22 Dec 2023**

**Submit Your Paper!**

## Registration

| | Authors from India | Authors from abroad |
|---|---|---|
| Students(UG/PG/PhD) | Rs. 6000/- | $200 |
| Faculty/Academia | Rs. 8000/- | |
| Industry Persons | Rs. 12,000/- | |
| Attendance only | Rs. 3,000/- | $50 |

**Contact Us:** Department of Computer Science and Engineering, National Technology of Hamirpur, H.P., India

✉ mind2023@nith.ac.in   **Conference Website:** https://mind2023.nith.ac.in   **Institute Website:** https://nith.ac.in