

IEEE CONFERENCE RECORD ID: 69402

INTERNATIONAL CONFERENCE ON MACHINE INTELLIGENCE AND NETWORK DATA SECURITY

DATE OF CONFERENCE:

19TH - 20TH NOVEMBER, 2026 (THURSDAY & FRIDAY)

ORGANIZED BY: DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, NIET | MODE: HYBRID

HOSTED BY: NSHM KNOWLEDGE CAMPUS DURGAPUR- GOI | ASSOCIATED DEPARTMENT: CSE(AI), CSE(DS)

CALL FOR PAPERS

OBJECTIVE OF THE CONFERENCE

The First International Conference on Machine Intelligence and Network Data Security (MINDS) 2026 is designed as a dynamic platform for researchers from both academia and industry to share cutting-edge advancements in Artificial Intelligence and Data Sciences. We believe that by gathering to share ideas, creativity, and innovations, we can collectively build a brighter future. The conference will feature a diverse program, including distinguished lectures, paper and poster presentations, influential keynote speakers, and practical industrial workshops. This year's theme is especially relevant, as data continues to drive global progress and AI technologies increasingly enhance human capabilities.

TRACKS

ARTIFICIAL INTELLIGENCE, MACHINE LEARNING AND DATA ANALYTICS

- Artificial Intelligence, Machine Learning and Deep Learning Applications
- Hybrid and Explainable Intelligent Systems
- Computer Vision, Pattern Recognition and its Applications
- Predictive Analytics and Decision Support Systems
- Data Mining and Knowledge Discovery

INTELLIGENT SENSORS, WIRELESS NETWORKS AND COMMUNICATION SYSTEMS

- Wireless Sensor Networks and Architectures
- Security and Privacy in Sensor Networks
- Intelligent Sensor Design and Applications
- Next-Generation Wireless Communication Technologies
- Low-power and Energy-aware Communication Systems

SMART CITIES, INTELLIGENT TRANSPORTATION AND URBAN TECHNOLOGIES

- Smart City Infrastructure and Governance
- Intelligent Traffic and Transportation Systems
- Urban Surveillance and Public Safety
- Smart Grid and Energy Management
- AI for Sustainable Urban Development
- Secure Intelligent Transportation Networks
- Smart Waste and Water Management Systems

FINTech, BLOCKCHAIN AND SECURE DIGITAL ECONOMY

- Blockchain and Distributed Ledger Technologies
- Secure Digital Payment Systems
- Cryptocurrency Analytics and Security
- Smart Contracts and Decentralized Applications
- AI in Financial Risk Analysis
- Financial Fraud Detection
- Digital Identity and Trust Management

NETWORK SECURITY, CYBER DEFENSE AND PRIVACY

- Authentication, Access Control and Privacy Models
- Intrusion Detection, Anomaly Detection and Fraud Analytics
- Mobile, Cloud and Distributed System Security
- Cryptography and Secure Communication Protocols
- Digital Forensics and Incident Response

BIOMEDICAL ENGINEERING, HEALTHCARE INFORMATICS AND BIOELECTRONICS

- Biomedical Signal, Biomedical Instrumentation and Image Processing
- Medical Imaging and Visualization Systems
- AI and Machine Learning in Healthcare
- Healthcare Data Analytics and Informatics

INDUSTRY 4.0/5.0, ROBOTICS AND INTELLIGENT AUTOMATION

- Industrial IoT and Smart Manufacturing
- Robotics and Autonomous Systems
- Human-Robot Interaction
- Industrial Cybersecurity
- Digital Twin Technologies
- Intelligent Process Automation
- AI-driven Predictive Maintenance

EMBEDDED SYSTEMS, IoT AND EDGE INTELLIGENCE

- Secure IoT Architectures and Applications
- Embedded Computing and Real-Time Systems
- IoT Communication Protocols and Services
- Positioning, Localization and Tracking Technologies
- Signal Processing Techniques for IoT Systems
- Energy-efficient Embedded Systems

EMERGING TECHNOLOGIES AND FUTURE COMPUTING PARADIGMS

- Communication Systems, 5G/6G and Future Internet Technologies
- Quantum Computing and Quantum Communication
- Edge, Fog and Cloud Computing
- Mobile Ad Hoc and Vehicular Networks
- Human-Centered Computing and Ethical AI

SUSTAINABLE COMPUTING, GREEN TECHNOLOGIES AND ENERGY SYSTEMS

- Green Computing Architectures
- Energy-efficient Communication Systems
- Smart Energy and Smart Grid Technologies
- Renewable Energy Informatics
- Sustainable AI and Computing
- Carbon-aware Data Centers
- Intelligent Energy Monitoring Systems

REGISTRATION FEE

BEFORE 30TH SEPTEMBER 2026

CATEGORY	IEEE	NON-IEEE
Academics	7000 INR	8000 INR
Research Scholars /Students	5000 INR	5500 INR
Corporate Professionals	10000 INR	8500 INR
Foreign Delegates (Academics)	150 USD	200 USD
Foreign Delegates (Industry)	200 USD	250 USD
Foreign Delegates (Industry Attendee)	75 USD	100 USD
Foreign Delegates (Academics)	50 USD	75 USD

AFTER 30TH SEPTEMBER 2026

CATEGORY	IEEE	NON-IEEE
Academics	7500 INR	8500 INR
Research Scholars /Students	5500 INR	6000 INR
Corporate Professionals	10500 INR	9000 INR
Foreign Delegates (Academics)	175 USD	225 USD
Foreign Delegates (Industry)	225 USD	275 USD

BENEFITS

- All accepted and Presented Papers will be submitted to IEEE Xplore for consideration to be published.
- Awards will be given for the best Research Papers

IMPORTANT DATES

- Call for Papers: 15th May, 2026
- Submission Deadline: 14th August, 2026
- Final Notification of Acceptance: 5th October, 2026
- Date of Registration: 6th - 14th October, 2026
- Camera Ready Submission: 20th October, 2026

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For Submissions:
<https://cmt3.research.microsoft.com/MINDS2026>