

# ICMOTARSS-2026

## 3<sup>RD</sup> INTERNATIONAL CONFERENCE ON MODERN OPTIMIZATION AND TECHNOLOGICAL ADVANCEMENT FOR RESILIENT SMART SYSTEMS



06<sup>th</sup> & 07<sup>th</sup> March 2026



LJK University, Ahmedabad



Hybrid Conference (In Person + Virtual)

**Theme:** Modern Optimization and Technological Advancement  
for Resilient Smart Systems

Organized by

LJ Institute of Computer Applications  
LJK University, Ahmedabad, India

In Association with

IFERP Academy



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# About ICMOTARSS-2026 | Hybrid Event

The **3rd International Conference on Modern Optimization and Technological Advancement for Resilient Smart Systems (ICMOTARSS-2026)** aims to bring together leading researchers, academicians, industry experts, and innovators to discuss emerging trends and breakthroughs in intelligent technologies. The conference focuses on integrating optimization with rapidly evolving domains such as AI, data science, IoT, cybersecurity, and smart engineering solutions. It provides a global platform to share novel research, exchange ideas, and explore practical applications that enhance the performance, security, and resilience of modern systems. Special emphasis is placed on responsible and risk-aware AI, addressing challenges such as AI errors, adversarial threats, and ethical implications. Through technical sessions, invited talks, and expert panel discussions, the

## Theme of the Conference:

The conference theme, “Modern Optimization and Technological Advancement for Resilient Smart Systems,” reflects the growing need for intelligent, efficient, and secure solutions in today’s rapidly evolving digital world. It emphasizes how advanced optimization techniques, combined with emerging technologies, can significantly enhance the performance, reliability, and adaptability of smart systems. The theme also highlights the importance of integrating AI, data-driven analytics, IoT, and next-generation networks to build resilient infrastructures capable of withstanding modern challenges. By promoting innovation and cross-disciplinary collaboration, the theme aims to inspire transformative research that shapes the future of sustainable, intelligent, and highly optimized systems..





# About LJ Institute of Computer Applications , LJK University

LJ Institute of Computer Applications (LJICA), established in 2004, is a distinguished constituent of L J University, Ahmedabad. The institute is recognized by AICTE and holds a prestigious 4-star rating by GSIRF (Gujarat State Institutional Rating Framework), a testament to its academic excellence and commitment to quality education. LJICA offers a range of undergraduate and postgraduate programs in the field of computer science and applications, including BCA, B.Sc. (IT), MCA, M.Sc. (IT), and M.Sc. (Cyber Technology). The curriculum is designed with a strong focus on application development, modern programming languages, and cutting-edge technologies, aligning with current industry demands. The institute fosters an environment of innovation, critical thinking, and technical excellence. With a team of experienced faculty, robust infrastructure, and industry collaborations, LJICA strives to produce industry-ready professionals equipped to meet the challenges of the dynamic IT world. LJICA also actively promotes research, innovation, and participation in academic activities such as conferences, workshops, and seminars, further enriching the learning ecosystem.

## About IFERP

The Institute for Educational Research and Publication (IFERP) is a professional association devoted to the advancement of the fields of engineering, science, and technology through the funding of research activities, propagation of the latest research insights, furtherance of industry trends, and other related ventures. IFERP aims to digitalize this entire process of innovation, collaboration, and knowledge-sharing through the fostering of a unified virtual scientific community worldwide. Everything from networking and joint ventures to learning, research assistance, publication, and more, will be carried out as part of this objective. IFERP has established robust scientific, academic, and industry networks throughout Asia, the Middle East, and Europe. Some of the countries that IFERP has its presence in, include Iraq, Maldives, Thailand, Malaysia, Singapore, Philippines, Indonesia, Taiwan, Vietnam, UAE, Australia, Japan, Sri Lanka, Nepal, Ghana, and Africa.

- Mission: Upskilling the knowledge hub through technological innovation and excellence for the benefit of humanity

- Vision: Digitally equipped robust, dynamic & swift professional community integrating academics & industry for upgraded technical knowledge implementation.



## — OBJECTIVES OF CONFERENCE —

The primary objective of the conference is to provide a global platform for researchers, academicians, industry professionals, and innovators to exchange knowledge and present cutting-edge advancements in optimization and emerging technologies. It aims to foster interdisciplinary collaboration, encourage innovative research, and promote the development of resilient and intelligent systems across domains such as AI, IoT, data science, cybersecurity, and smart engineering. The conference also seeks to highlight new methodologies, frameworks, and optimization-driven solutions that address modern technological challenges and support sustainable digital transformation.

## Purpose of the Conference

The purpose of the conference is to bring together experts and practitioners to discuss recent breakthroughs, share practical insights, and explore future directions in modern optimization and technological advancement. It aims to create a strong research ecosystem by facilitating dialogue between academia and industry, enabling the development of robust, secure, and scalable smart systems. Additionally, the conference serves as a platform to promote responsible innovation, encourage knowledge dissemination, and inspire transformative ideas that contribute to the growth of resilient smart technologies and intelligent infrastructures.





# Sessions and Tracks

Topics of interest for submission include, but are not limited to:

## 1. Artificial Intelligence, Machine Learning & Cognitive Computing

- AI architectures, NLP & computer vision
- Supervised, unsupervised & reinforcement learning
- Cognitive automation, intelligent agents & model optimization

## 2. Data Science, Big Data, Predictive Analytics & Computational Optimization

- Big data frameworks, pipelines & real-time analytics
- Data mining, predictive modeling & decision systems
- Evolutionary algorithms, swarm intelligence & engineering optimization

## 3. IoT, Smart Sensor Networks & Blockchain Technologies

- IoT architecture, smart sensing & edge intelligence
- IoT reliability, optimization & security
- Blockchain networks, scalability, smart contracts & distributed ledgers

## 4. Cybersecurity, Privacy, Digital Forensics, Networking, Cloud & 5G/6G Technologies

- Cyber defense, zero-trust architecture & threat detection
- Digital forensics & privacy preservation
- Cloud-native networks, 5G/6G advancements & edge computing

## 5. Agile Technologies, DevOps & Software Engineering

- Agile & DevOps pipelines
- Software process optimization
- Software testing & quality engineering

## 6. Engineering Innovations, Robotics & Automation

- Robotics, autonomous systems & industrial automation
- Smart manufacturing innovations
- Engineering optimization applications

## 7. Smart Cities, Smart Healthcare & Intelligent Systems

- Urban IoT infrastructure & smart city architecture
- Healthcare intelligence & medical automation
- Integrated intelligent ecosystems

## 8. Interdisciplinary Computing & Emerging Technologies

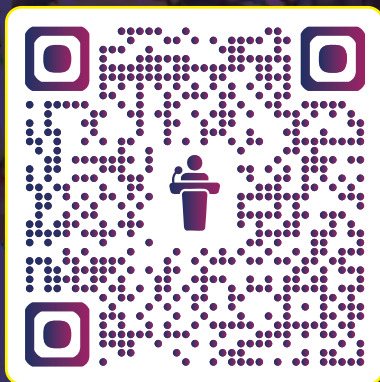
- Quantum computing & next-gen computation
- Bioinformatics & biomedical engineering
- Cross-domain intelligent integration





## Special Session: AI Unlearning, AI Errors and Risk-Aware Optimization

- AI Model Errors & Unintended Behaviors
- Data-Related Errors in AI Systems
- System-Level AI Failures
- Security Risks & Adversarial Attacks
- Ethical, Legal & Societal Risks
- Human-AI Interaction Errors
- Optimization Techniques to Reduce AI Errors
- Responsible AI Development & Deployment



SCAN TO VIEW MORE  
SESSIONS & TRACKS





Participants will receive upon successful completion of this accredited program

# What

## is CPD?

CPD stands for Continuing Professional Development. It refers to the ongoing process of learning, training, attending conferences, and skill development to enhance professional knowledge and abilities.

## are CPD points?

CPD points are units used to measure participation in Continuing Professional Development activities, such as workshops, courses or training sessions.

## does CPD Accreditation mean?

CPD Accreditation certifies that a course or program meets professional standards for Continuing Professional Development, ensuring quality and relevance for career growth.



### Few CPD Utilizing Countries



United Kingdom | Australia | Canada | United States | Singapore | New Zealand | South Africa | India  
European Union | Malaysia | Philippines | Thailand | China | Vietnam | Germany





# SUSTAINABLE DEVELOPMENT GOALS



#IFERP supports SDGs

## IMPORTANT DATES

**Abstract**

Submission Deadline

**12<sup>th</sup> Jan 2026**

**Acceptance**

Notification

**20<sup>th</sup> Jan 2026**

**Full Paper**

Submission Deadline

**30<sup>th</sup> Jan 2026**

**Registration**

Deadline

**10<sup>th</sup> Feb 2026**

**Camera Ready**

Paper Submission

**28<sup>th</sup> Feb 2026**

**We Will Meet**

@ LJKU, Ahmedabad

**06<sup>th</sup> & 07<sup>th</sup>**

**March 2026**



# REGISTRATION FEE

## INDIA

Category	Registration Categories	Host Institution/ IFERP Member	NON-IFERP
Physical Presentation	Students	INR 3000	INR 3500
	Academicians	INR 3500	INR 4000
	Others	INR 4000	INR 4500
	Listener	INR 2000	INR 2500
Virtual	Student/Academicians	INR 1500	INR 2000
	Others	INR 2000	INR 2500
	Listener	INR 1000	INR 1500

## ABROAD

Category	Registration Categories	Host Institution/ IFERP Member	NON-IFERP
Physical Presentation	Students	USD 179	USD 199
	Academicians		
	Others		
	Listener	USD 129	
Virtual	Student/Academicians	USD 99	USD 129
	Others		
	Listener	USD 69	

Category	Registration Categories	India/ Abroad
Registration fee for LJU Students/Academicians	Student/Academicians	INR 2000
	Others	
	Listener	



## AVAILABLE PAYMENT METHODS

There are three payment options available for **ICMOTARSS -2026 Hybrid Conference**. You can pay your registration fee through:

- Online Gateway (Credit Card / Debit Card)
- Bank Transfer (TT)
- PayPal



Before making the **payment for the conference** using any of the above methods, please contact **91- 8122268465**

Scan to Registration

Company Name	Technoarete Private Limited
Bank Name	Kotak Mahindra Bank
Branch	Kodambakkam, Chennai
Account number	3311747350
IFSC CODE	KKBK0000466
MICR-No	600485006
Swift Code	KKBKINBB
Account Type	Current Account



After payment, download the Registration Form, fill it out, and send it to [icmotarss@iferp.net](mailto:icmotarss@iferp.net)

## Registration Guidelines

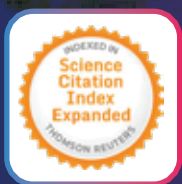
- Registered members must notify the registration team immediately after payment
- After completing the registration fee process, participants must send a scanned copy of the payment receipt or transaction proof before the final registration deadline.
- No modifications to the paper will be accepted after the final submission deadline
- After registration, participants must submit a scanned copy of the full paper
- For group discounts, contact the Program Manager.
- For accommodation-related queries, feel free to email us
- Terms & conditions apply for journals.





# PUBLICATIONS IN JOURNALS

At IFERP, we are dedicated to guiding you through the research publication journey with a strong commitment to upholding publishing ethics. Every article undergoes meticulous peer review by subject-matter specialists, emphasizing the paramount importance of maintaining the integrity of the academic publication process. **This collaborative approach, involving professionals in respective sectors, ensures that submissions meet the highest standards, contributing significantly to academic discourse and knowledge advancement.**



## SCIE Journals Publication

- Opportunity in Premium publishers Journal which are indexed in SCIE
  - (1) Regular Issue
  - (2) Special / Thematic Issue



## Scopus Journals Publication

- Opportunity in Journals which are indexed in Scopus
  - (1) Regular Issue
  - (2) Special / Thematic Issue



## Web of Science Publication

- Web of Science subscription-based service gives you access to numerous databases with citation data for academic areas.



## Google Scholar Publication

- Opportunity in Journals which are indexed in Google Scholar and other premium index agencies
  - (1) Regular Issue



## ABDC Publication

- ABDC (Australian Business Deans Council) is a renowned organization that plays a pivotal role in assessing the quality of business and management journals

### Editing & Revision

- ✦ Grammatical Corrections
- ✦ Language Editing
- ✦ Plagiarism correction
- ✦ Proofreading
- ✦ Research Paper Editing
- ✦ Case Report Editing
- ✦ Synopsis Editing
- ✦ Thesis Editing

### Formatting

- ✦ Journal Format
- ✦ Research Paper Format
- ✦ Cover Letter

### Review

- ✦ Reviewer suggestion
- ✦ Reviewer Comments Support
- ✦ Thesis Review
- ✦ Book Review
- ✦ Research Paper Review



Day-1

06

March 2026

09:30 AM - 09:45 AM - Registration Desk

09:45 AM - 10:05 AM - Welcome address

10:05 AM - 10:10 AM -

10:10 AM - 10:15 AM - Introduction to Guest of Honor from IFERP

10:15 AM - 10:30 AM - Presidential Address by IFERP

10:30 AM - 10:45 AM - Address by Keynote speaker I

10:45 AM - 11:00 AM - Refreshment Break

11:00 AM - 01:00 PM - Technical Session 1

Track 1 (Main Hall)

Track 2 (Breakout Room 1)

1:00 PM - 01:45 PM - Lunch Break

01:45 PM - 02:00 PM - Address by Keynote Speaker II

02:00 PM - 02:15 PM - Refreshment Break

02:15 PM - 04:15 PM - Technical Session II

Track 1 (Main Hall)

Track 2 (Breakout Room 1)

04:15 PM - 04:30 PM - Valedictory Session (End of Day 1)

# Agenda

## for ICMOTARSS- 2026

Day-2

07

March 2026

09:30 AM - 10:15 AM - Registration Desk

10:15 AM - 10:30 AM - Welcome address

10:30 AM - 10:45 AM - Address by Keynote Speaker III

10:45 AM - 11:00 AM - Break

11:00 AM - 01:00 PM - Technical Session III

Track 1 (Main Hall)

Track 2 (Breakout Room )

01:00 PM - 01:45 PM - Lunch Break

01:45 PM - 02:00 PM - Address by Keynote Speaker IV

02:00 PM - 04:00 PM - Technical Session IV

Track 1 (Main Hall)

Track 2 (Breakout Room )

04:00 PM - 04:15 PM - Valedictory Session

04:15 PM - 04:30 PM - Vote of Thanks / National Anthem



**Lok Jagruti Kendra University**  
University with a Difference



## **VENUE**

**LJ Institute of Computer Applications**  
**LJK University**  
Near Sarkhej-Sanand Circle,  
Off. S.G. Road, Ahmedabad-382210,  
Gujarat, India







## Past Glimpses





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