

International Conference on Operations Research: Theory, Applications and Emerging Technologies (ICOR 2026) concurrently with the 59th Annual Convention of Operational Research Society of India (ORSI 2026)

Venue: Indian Institute of Technology Delhi (IIT Delhi), India

Dates: 21–23 December 2026

About the Conference

The International Conference on Operations Research: Theory, Applications and Emerging Technologies (ICOR 2026) is a premier global forum where leading researchers, scholars, and industry innovators converge to advance the frontiers of Operations Research and Business Analytics.

Hosted by IIT Delhi in partnership with the Operational Research Society of India (ORSI), ICOR 2026 bridges theory and practice across four thematic areas: Core Optimization & Decision Sciences, AI & Machine Learning, Business Analytics & Risk Management, and Sustainability & Social Impact. The conference convenes forward-thinking minds to explore transformative technologies, share groundbreaking research, and forge collaborative partnerships that drive meaningful impact across academia, industry, and society.

We invite you to contribute your insights and join us in defining the future of Operations Research.

Conference Objectives

ICOR 2026 aims to foster innovation and collaboration by focusing on the following key goals:

- Developing analytical and optimization models for decision systems.
- Integrating data-driven and intelligent approaches for analytics.
- To study design and performance of complex systems.
- Building robust and sustainable solutions under uncertainty.
- Addressing strategic planning and resource allocation in systems.

Conference Tracks

ICOR 2026 welcome high-quality original submissions across the four curated tracks.

Track 1: Core Optimization & Decision Sciences

Operations Research and Combinatorial Optimization
Scheduling and Timetabling
Probability, Stochastic Processes and Queueing Theory
Simulation, Modeling, and Statistical Analytics
Robust and Stochastic Optimization
Multi-Criteria Decision Making and Multi-Objective Optimization
Game Theory and Mechanism Making
Heuristics, Metaheuristics and Numerical Optimization

Track 2: AI, Machine Learning & Modern Technologies

Machine Learning and Data Science
Reinforcement Learning and Sequential Decision Making
Artificial Intelligence, Fuzzy Logic, and Soft Computing
Generative AI and Foundation Models for Operations Research
Graph Neural Networks and Network Optimization
Edge Computing, IoT, and Distributed Intelligence
Quantum Computing and Quantum Algorithms for Operations Research

Track 3: Business Analytics, Operations & Risk Management

Enterprise Analytics and Decision Intelligence
Supply Chain, Logistics, and Operations Management
Revenue Management and Pricing Analytics
Reliability, Quality, and Maintenance Engineering
Financial Engineering, FinTech, and Risk Analytics
Marketing Analytics and Consumers Intelligence
Platform Economics and Digital Markets
Behavioral Analytics and Decision Science
Cybersecurity Analytics and Digital Resilience

Track 4: Sustainability, Public Systems and Social Impact

Sustainability, ESG, and Climate Analytics
Energy Systems, Smart Grids and Renewable Energy
Healthcare and Public Health Systems
Smart Cities, Urban Mobility and Transportation Systems
Humanitarian Logistics and Disaster Management
AI Ethics and Responsible Innovation
Industry 5.0 and Human-AI Collaboration

Submission Guidelines

All submissions will undergo a rigorous peer-review to ensure academic excellence.

Extended Abstracts: ~1,000 words. Must clearly outline the research objectives, methodology, results, and core implications.

Full Papers: 4,000–8,000 words. Required for consideration in the conference proceedings and targeted journals.

Important Dates

- Abstract Submission Deadline: September 15, 2026
- Acceptance Notification: September 30, 2026
- Full Paper Submission Deadline: October 31, 2026
- Registration Deadline: October 31, 2026

Publications & Proceedings

- Abstract Book: All accepted abstracts will be published in an ISBN-indexed abstract book.
- Proceedings: Selected full papers will be published in ICOR 2026 conference proceedings.
- Journal Fast-Tracking: High-quality papers will be considered for publication in reputed international journals (including Springer, Taylor & Francis, and SCI/Scopus-indexed journals).

Awards

ICOR 2026 recognizes and celebrates excellence across multiple dimensions of operations research through the following prestigious awards:

- Best Industry Paper
- Best Academic Paper
- Best Student Paper
- Best Track Paper
- Best Application Paper
- Best Theoretical Paper
- Best PhD Thesis Award

Special Features

Beyond the technical sessions, attendees will benefit from:

- Industry Exhibition & Technology Showcase

Explore cutting-edge solutions and innovations from leading organizations, startups, and research institutions.

- Expert Panel Discussions

Learn from visionary leaders shaping the future of operations research and analytics.

- Workshops, Tutorials & Hands-On Training

Develop cutting-edge skills through interactive learning sessions.

- Collaboration & Partnership Opportunities

Build lasting connections for research, innovation, and growth.

Contact:

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