

ICETAO²⁰²⁷

4th International Conference on Emerging Technologies, Analytics and Operations (HYBRID MODE)

ORCHESTRATING INTELLIGENT ECOSYSTEMS
Operations, AI and the Digital Enterprise –
Creating Connected, Cognitive and Future-Ready Organizations



**Abstract
Submission**



Payment



E-mail Abstract to
icetao2027@ibsindia.org

Conference Dates
18 & 19
January, 2027

Venue
ICFAI Business School (IBS)
Hyderabad Campus



About IFHE Hyderabad:

The ICFAI Foundation for Higher Education is a deemed-to-be-University established under section 3 of UGC Act, 1956. Prof. C. Rangarajan, the former Governor of Reserve Bank of India, is the Chancellor of the University. The IFHE is accredited with A++ grade by the National Assessment and Accreditation Council (NAAC). IFHE's student-centric learning approach provides relevant knowledge, imparts practical skills and inculcates a positive attitude among the students. The Ministry of Education, Government of India, has permitted IFHE to start an Off-Campus Centre at Bangalore, Karnataka.

IFHE is an esteemed member of Association of Indian Universities (AIU) and Association of Commonwealth Universities (ACU). IFHE has put in place world class processes for governance, academic excellence, industry-academia interface and student centricity. Some of the best minds in the country are closely associated with the running and oversight of IFHE. The university focuses in offering students the best and updated curriculum and train them for rewarding careers. It also promotes the culture of research that advances knowledge in the field of management, social sciences, technology, architecture and law.

About ICFAI Business School, Hyderabad:

IBS Hyderabad is a constituent of the ICFAI Foundation for Higher Education. Established in the year 1995, IBS Hyderabad offers high-quality programs in different areas of management to a variety of students, executives and professionals across India. The institute has a reputation for innovative program design and delivery, quality courseware, personalized instruction, strong industry interface, research, consultancy and publications. It is the only institute in India to get the coveted AACSB accreditation for BBA, MBA and Ph.D. programs. IBS Hyderabad is one of the consistently top ranked business schools in India which has been re-accredited by South Asian Quality Standards (SAQS), rated A*** by CRISIL, EB2 IN by ICRA and 46th rank by NIRF in 2025. The institute has more than 200 experienced regular, visiting and guest

faculties having national and international exposure from varied organizations. It also has a dedicated research and development center which offers its premier case collections under the brands IBS Center for Management Research (ICMR) and IBS Case Development Center (IBSCDC).

Since its establishment, IBS Hyderabad has grown impressively and achieved widespread recognition from business and industry, academic circles, and professional bodies. The institute seeks to provide a high quality learning experience in an adaptive environment with a focus on relevance, rigor and research. The mission of IBS Hyderabad is to develop bright and ethically-grounded professional managers who can add value to the organizations and communities to which they belong.

About the Department of Operations and IT:

The Department of Operations and Information Technology came into existence in 1995. The department is a part of IBS Hyderabad, the Faculty of Management of the University. The department has two major areas of focus - Operations and Information Technology. The department has forty four faculty members involved in teaching, research and administration. Apart from offering various courses in the BBA, MBA and Ph.D. programs, the department also academically contributes to the Workshops and FDPs/MDPs of the Centre for Management Development of the University. The major thrust areas in which research activities are being pursued are Sustainable Development, Energy Policy, Generative AI, Decision Support Systems, Project Management, Supply Chain Management, Business Analytics, Information Security and Healthcare Management. Faculty members of the department have been regularly publishing research papers in ABDC, Scopus and UGC Care journals of high repute. The department has also been organizing international conferences on a regular basis.

About the Conference:

Organizations worldwide are operating in an environment where intelligence is becoming an integral part of interconnected business ecosystems rather than being confined to individual technologies. The convergence of innovations such as artificial intelligence (AI), cloud computing, big data analytics, blockchain, the Internet of Things (IoT), virtual reality (VR), quantum computing, and advanced communication technologies is reshaping how organizations design, operate, and deliver value. In this evolving landscape, organizations are expected to adapt to

increasing operational complexity, rapidly changing market conditions, and growing stakeholder expectations. Sustained success depends on the ability to make timely, data-informed decisions, strengthen organizational agility, enhance operational resilience, and continuously innovate while maintaining effective governance and risk management.

The International Conference on Emerging Technologies, Analytics and Operations (ICETAO-2027), organized by the Department of Operations and Information Technology, IBS Hyderabad. The conference aims to provide a suitable platform for researchers, academicians, industry professionals & policymakers, to share knowledge on emerging technologies and their applications in business, industry and society.

The central theme of ICETAO-2027 is "Orchestrating Intelligent Ecosystems: Operations, AI and the Digital Enterprise – Creating Connected, Cognitive and Future-Ready Organizations". ICETAO-2027 is designed to bring together researchers, industry professionals, policymakers, academicians, and practitioners to engage in interdisciplinary discussions on the convergence of emerging technologies and operational excellence. The conference offers a collaborative platform for exchanging knowledge, sharing practical insights, and examining how organizations can align operational excellence with digital intelligence to foster adaptive, data-informed, and sustainable business ecosystems.

Researchers, academicians, industry professionals, and practitioners are invited to submit original scholarly and practice-oriented contributions aligned with the conference theme. Submissions may include conceptual and theoretical papers, empirical research, case studies, practice-based papers, white papers, doctoral research, and innovative ideas that offer meaningful insights, address contemporary challenges, or advance knowledge at the intersection of emerging technologies and operational excellence.

Conference Theme: Orchestrating Intelligent Ecosystems: Operations, AI and the Digital Enterprise – Creating Connected, Cognitive and Future-Ready Organizations

Suggested Conference Tracks (Indicative) but are not limited to)

Track 1: Artificial Intelligence, Machine Learning and Intelligent Systems

Focus: AI-driven innovation for intelligent enterprises and decision-making

Indicative Areas:

- Machine Learning and Deep Learning
- Generative AI and Large Language Models (LLMs)
- Explainable and Responsible AI
- AI Agents and Autonomous Systems
- Reinforcement Learning
- Computer Vision and Image Analytics
- Natural Language Processing
- AI for Business Decision Support
- Human-AI Collaboration
- AI Governance, Ethics and Trustworthy AI

Track 2: Data Analytics, Business Intelligence and Decision Sciences

Focus: Transforming data into actionable intelligence.

Indicative Areas:

- Business Analytics
- Predictive and Prescriptive Analytics
- Big Data Analytics
- Data Mining and Knowledge Discovery
- Data Visualization
- Decision Support Systems
- Optimization Techniques
- Simulation and Modeling
- Risk Analytics
- Financial Analytics
- Marketing Analytics
- HR Analytics
- Healthcare Analytics
- Sports and Social Analytics

Track 3: Smart Operations, Supply Chains and Digital Manufacturing

Focus: Intelligent operations and future-ready production ecosystems.

Indicative Areas:

- Operations Management
- Supply Chain Analytics
- Smart Manufacturing
- Industry 5.0
- Lean and Agile Operations
- Digital Twins
- Intelligent Logistics
- Warehouse Automation
- Sustainable Operations
- Circular Economy
- Inventory Optimization
- Quality Engineering
- Production Planning

Paper Submission Guidelines:

Authors are invited to submit either an Extended Abstract (maximum 1000 words) or a Full Paper for review. Each submission should clearly indicate the conference track under which it is being submitted.

Full papers should include:

- Title
- Abstract (maximum 300 words)
- Keywords
- Introduction
- Research Objectives
- Literature Review

- Service Operations
- Operations Research Applications

Track 4: Digital Enterprise, Innovation and Business Transformation

Focus: Building connected and digitally enabled organizations.

Indicative Areas:

- Digital Transformation Strategies
- Enterprise Architecture
- Intelligent Business Processes
- Process Mining
- Business Process Automation
- Innovation Management
- Platform Economy
- Digital Business Models
- Knowledge Management
- Enterprise Information Systems
- ERP and CRM
- Change Management
- Organizational Agility
- Future of Work
- Digital Leadership

Track 5: Emerging Technologies and Connected Ecosystems

Focus: Technologies enabling cognitive and connected enterprises.

Indicative Areas:

- Internet of Things (IoT)
- Industrial IoT
- Cyber-Physical Systems
- Edge and Fog Computing
- Cloud Computing
- Blockchain Applications
- Web3 Technologies
- Digital Platforms
- 5G/6G Communications
- Extended Reality (AR/VR/MR)
- Robotics and Intelligent Automation
- Quantum Computing Applications
- Smart Cities
- Smart Infrastructure

Track 6: Cybersecurity, Governance and Sustainable Digital Futures

Focus: Secure, ethical, resilient and sustainable digital enterprises.

Indicative Areas:

- Cybersecurity
- Information Security
- Privacy-Preserving AI
- Digital Trust

- Methodology
- Results and Discussion
- Managerial or Policy Implications
- Conclusion
- References

Practice papers may alternatively describe the business context, problem statement, proposed solution, implementation approach, outcomes, and lessons learned.

Formatting Guidelines:

- MS Word format
- Times New Roman
- Font Size: 12

- Cyber Risk Management
- Governance, Risk and Compliance (GRC)
- AI Ethics
- Responsible Innovation
- ESG Analytics
- Green Computing
- Sustainable AI
- Climate Analytics
- Digital Inclusion
- Resilience Engineering
- Regulatory Technologies (RegTech)

Track 7: Intelligent Applications Across Industries

Focus: Real-world applications of AI, analytics and operations.

Indicative Areas:

- Smart Healthcare
- FinTech and Digital Banking
- Smart Agriculture
- Education Technologies
- Smart Mobility and Transportation
- Smart Energy Systems
- E-Commerce and Retail Analytics
- Tourism and Hospitality Analytics
- Public Policy and Smart Governance
- Telecommunications
- Pharmaceutical and Life Sciences
- Media and Entertainment Analytics
- Disaster Management
- Defence and Security Applications

Track 8: Management and Business Excellence

Focus: Managerial innovations for intelligent and future-ready organizations.

Indicative Areas:

- Strategic Management
- Marketing Management
- Human Resource Management
- Financial Management
- Entrepreneurship
- Organizational Behaviour
- Business Ethics & Corporate Governance
- Family Business

Track 9: Bridging disciplines-Cross Disciplinary Case studies and insights.

Focus: Case studies that transcend disciplinary boundaries and address contemporary challenges through diverse perspectives are highly encouraged.

- Line Spacing: 1.5
- Standard A4 page with normal margins
- Recommended Length:
- Research Papers: 4,000–9,000 words
- Case Studies / Practice Papers / White Papers: 1,500–3,000 words

All submissions will undergo a rigorous double-blind peer review based on originality, methodological rigor, relevance, contribution, and practical significance.

At least one author of every accepted paper must register and present the paper during the conference.

Publication Opportunities:

ICETAO-2027 is committed to promoting high-quality research with global visibility. Accepted conference papers are considered for inclusion in conference proceedings. Outstanding conference papers may also be considered for publication in reputed journals indexed in Scopus, ABDC, Web of Science, and UGC-CARE, subject to each journal's review process and publication policies subject to reviewers' recommendations and editorial evaluation. Authors are solely responsible for complying with journal submission guidelines, publication ethics, plagiarism policies, and any applicable publication charges.

Structured abstracts of the papers selected for presentation will be published in the conference proceedings with ISBN Number. Publication Partner-IUP Publications.

Conference Highlights:

ICETAO-2027 has been designed to encourage meaningful dialogue between academia, industry, and policymakers through an engaging blend of scholarly and practice-oriented sessions.

Highlights include:

- International Keynote Addresses
- Distinguished Industry Leaders' Sessions
- Technical Paper Presentations
- Doctoral Research Forum
- Young Researchers' Colloquium
- Panel Discussions on AI and Digital Enterprises
- Hands-on Expert Workshops
- Industry-Academia Networking Sessions
- Innovation Showcase
- Best Paper Awards
- Best Case Study Awards
- Best Doctoral Research Awards

Award Category	Recognition
Best Research Paper	Certificate and Cash Award
Best Case Study	Certificate and Cash Award
Best Doctoral Research Paper	Certificate and Cash Award
Best Industry Practice Paper	Certificate and Cash Award

(The award amount and eligibility criteria will be announced separately.)

Registration Process:

Category of Participants	Early Bird Registration INR / USD	Regular Registration INR / USD
Academicians/Practitioners	4500 / 80	5000 / 90
Research Scholars/students	2500 / 45	3000 / 55

- The conference fee stated above includes GST at 18 percent.
- A group discount of 20% will apply to registrations of three or more members from the same institute.
- Hostel accommodation can be arranged upon request, with charges applied according to institute norms.
- It is mandatory for at least one of the authors to register for the conference and present the paper

Important Dates	
Abstract submission deadline	Dec. 02, 2026
Intimation of acceptance by	Dec. 07, 2026
Full paper submission dead line	Jan. 11, 2027
Early bird Registration deadline	Dec. 14, 2026
Regular Registration deadline	Dec. 18, 2026
Conference Dates (HYBRID MODE)	Jan. 18 & 19, 2027

Conference Workshop

Details regarding the workshop title, dates, timings, and resource persons will be announced on the conference website. Please visit the website regularly for updates.

All your queries regarding submission, registration, publication, workshop etc. should be mailed to icetao2027@ibsindia.org

Conference Committees

Advisory Committee

Smt. N SobhaRani Yasaswy, *Chairperson, ICFAI Society*
Dr. C. Rangarajan, *Former RBI Director and Chancellor, IFHE, Hyderabad*
Prof. (Dr.) A Vinay Kumar, *Vice Chancellor, IFHE, Hyderabad*
Prof. R P Kaushik, *Chancellor, ICFAI University, Raipur*
Prof. Dr. TRK Rao, *Chancellor, ICFAI University, Nagaland and ICFAI University, Jharkhand*
Prof. O. R. S. Rao, *Chancellor, ICFAI University, Sikkim*
Prof. Haragopal Reddy, *Chancellor, ICFAI University, Tripura*
Prof. V N Rajasekharan Pillai, *Chancellor, ICFAI University, Himachal Pradesh*
Prof. U.B. Desai, *Chancellor, ICFAI University, Dehradun & Former Director, IIT, Hyderabad*
Prof. J. Mahender Reddy, *Sr. Advisor, ICFAI Society*
Dr. Alicia Gatphoh, *Vice Chancellor, ICFAI University, Meghalaya*
Prof. Elizabeth L. Rose, *Pro-Vice Chancellor, IFHE, Hyderabad*
Prof. Muddu Vinay, *Pro-Vice Chancellor, IFHE, off-campus, Bangalore*
Prof. R. Vaidyanathan, *Former Professor, IIM, Bangalore*

Prof. S. Vijayalakshmi, *Registrar, IFHE Hyderabad*
Prof. P. Sashikala, *Controller of Examinations, IFHE Hyderabad*
Prof. Sindhuja P. N., *Dean - IQAC, IFHE Hyderabad*
Prof. Sitamma. M, *Dean, International Accreditations, IFHE*
Prof. K. S. Venu Gopal Rao, *Director, ICFAI Business School*
Prof. C. S. Shylajan, *Director, ICFAI School of Social Sciences*
Prof. K. L. Narayana, *Director, ICFAI Tech School*
Prof. P. Ravisekhararaju, *Director, ICFAI Law School*
Prof. Sanjay Fuloria, *Director, CDOE, IFHE*
Prof. Mahender Sonawane, *Principal, ICFAI School of Architecture*
Prof. T. Koti Reddy, *Professor, IFHE, Hyderabad*
Prof. D. Satish, *Dean - PG, IBS Hyderabad*
Prof. C. Padmavathi, *Dean - UG, IBS Hyderabad*
Prof. Radha Mohan Chebolu, *Dean - CMD, IBS Hyderabad*

Organising Committee

Conveners: Dr. Jaipal Dhobale (8209213704); Dr. Anusha Sreeram (9912622388),

Co-Conveners: Dr. Shweta Puneet, *Area Chair, Operations and IT, IBS Bangalore*; Prof. D. Saravanan, *Area Head, Operations and IT, IBS Hyderabad*

Coordinators

Dr. Vaibhav Mishra
Dr. Nishit Kumar Srivastava
Dr. Shubhagata Roy
Dr. Shubhangi V Urkude
Dr. Bijeta Shaw
Dr. Santosh Kumar Yadav
Dr. Sayan Chakraborty
Dr. Ramesh Kandela
Dr. Nitesh Kumar Singh
Dr. Suchismita Swain

Technical Committee

Prof. Vishal Mishra
Prof. Nikhat Afshan
Dr. Sumant Kumar Tewari
Dr. K.V.S.N.N. Murty
Dr. J. Prince Vijai
Dr. Sandhya S
Dr. S Chalapathi
Dr. C. M. Subrahmanyam
Dr. Dennis Joseph
Dr. Shailja Tripathi
Dr. M. V. N. Madhavi Latha
Dr. P. Mathivanan



Donthanapalli, Shankarapalli Road,
Rangareddy District,
Hyderabad - 501203, Telangana, India.

Please write to: icetao2027@ibsindia.org

Conference Venue



Conference Website

