



**Dept. of Management Studies**  
Indian Institute of Technology  
Madras

**Association for Information  
Systems India Chapter**  
INAIS



# InCIS 2027

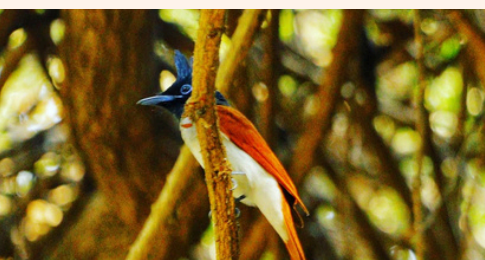
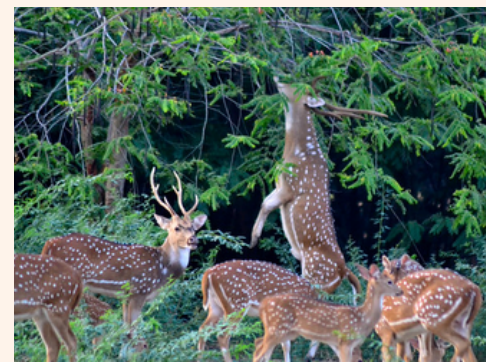
**3rd India Conference on Information Systems**

**MARCH 12-14**

**Department of Management Studies, IIT Madras**

**Conference Theme**

*Advancing towards a  
Responsible and Resilient Digital Future*



# InCIS 2027

March 12 - 14, 2027

## Theme:

### ***Advancing Towards a Responsible and Resilient Digital Future***

Digital technologies are reshaping institutions, markets, communities, and everyday life. As platforms, artificial intelligence, data infrastructures, and digital public systems become central to how societies function, the Information Systems discipline has a critical role to play in understanding, designing, governing, and evaluating these transformations. InCIS 2027 brings together scholars, practitioners, policymakers, doctoral students, and technology leaders to examine how digital systems can be made more responsible, resilient, inclusive, secure, and trustworthy.

## About InCIS 2027

Building on the momentum of InCIS 2025 at IIM Calcutta and InCIS 2026 at IIM Ahmedabad, the third edition of the India Conference on Information Systems, InCIS 2027, will be hosted by the **Department of Management Studies, IIT Madras**, Chennai.

Organized in collaboration with the **AIS India Chapter**, InCIS 2027 continues to deepen scholarship and practice around Information Systems in the Indian and global context. The conference aims to provide a forum for rigorous research, interdisciplinary dialogue, practitioner engagement, doctoral development, and policy-relevant conversations on the future of digital systems.

The 2027 edition focuses on the theme “*Advancing towards a Responsible and Resilient Digital Future*”. It invites contributions that examine how digital systems can be designed, adopted, governed, and experienced in ways that are trustworthy, inclusive, sustainable, adaptive, and accountable.

## About Conference Theme

**Digital technologies** are now deeply woven into governance, commerce, healthcare, education, organizations, and everyday life. As these systems become more central to how institutions function and how individuals participate in society, the need for responsibility and resilience has become increasingly important. **Information Systems** sit at the heart of this transformation. They shape how digital infrastructures are designed, how organizations adapt, how public systems scale, how data is governed, and how people experience technology in practice.

India’s digital journey offers a powerful setting to examine these questions. The rapid scaling of digital platforms and public digital infrastructure has created new possibilities for access, innovation, service delivery, and economic participation. At the same time, these systems raise important questions around accountability, equity, sustainability, security, inclusion, and trust. InCIS 2027 invites scholars, practitioners, policymakers, and innovators to engage with these questions through rigorous research and meaningful dialogue.

## About Conference Theme

The conference will serve as a forum to:

- Explore what responsible IS design and deployment means across diverse organizational and societal contexts.
- Examine how digital systems can become resilient, adaptive, secure, inclusive, and trustworthy in the face of disruption.
- Discuss the governance of AI, data, digital platforms, and large-scale digital infrastructures.
- Reflect on the role of Information Systems research in shaping policy, institutional transformation, and responsible innovation.
- Bridge academia, industry, and government to co-create knowledge with practical and societal relevance.

## Why Attend InCIS 2027?

InCIS 2027 provides a vibrant platform for researchers, doctoral scholars, practitioners, policymakers, and industry leaders navigating the intersection of digital technology, organizations, and society.

### Key Opportunities:

- *Engage & Present:* Share cutting-edge research, receive high-impact scholarly feedback, and network with leading Information Systems experts.
- *Targeted Tracks:* Participate in dedicated doctoral consortia, practitioner-focused tracks, and panels shaping responsible and resilient digital futures.
- *Diverse Perspectives:* Dive into collaborative dialogues spanning AI, machine learning, digital platforms, public digital infrastructure, user behavior, governance, cybersecurity, and IS theory.

## About DoMS, IIT Madras

Located within India's premier research institution, the Department of Management Studies (DoMS), IIT Madras, provides a distinctive ecosystem where management, technology, analytics, and Information Systems converge.

Hosting InCIS 2027 at IIT Madras uniquely bridges technical inquiry with management scholarship. As digital technologies become deeply embedded in enterprises, public systems, and everyday life, DoMS serves as the ideal venue for advancing research on responsible and resilient digital futures. The conference provides a critical forum to examine how these systems are designed, adopted, experienced, governed, and integrated into society.

## Conference Co-Chairs

- **Dr. Rahul De'** - Founder & CEO, Memoric AI; Former Dean, IIM Bangalore
- **Dr. Saji Mathew K** - Professor, IIT Madras, India

## Senior Advisory Group

- **Dr. Arpan Kumar Kar** - Endowed Chair Professor, IIT Delhi, India
- **Dr. Atreyi Kankanhalli** - Provost's Chair Professor, NUS, Singapore
- **Dr. Israr Qureshi** - Professor, Queen's Business School, United Kingdom
- **Dr. Manju Ahuja** - Professor, University of New South Wales, Sydney, Australia
- **Dr. Priya Seetharaman** - Professor, IIM Calcutta, India
- **Dr. H. Raghav Rao** - AT&T Distinguished Chair Professor, UT San Antonio, USA
- **Dr. Sujeet K. Sharma** - Dean & Professor, IIM Nagpur, India
- **Dr. Viswanath Venkatesh** - Verizon Distinguished Professor, Virginia Tech, USA

## Program Co-Chairs

- **Dr. Abhishek Srivastava**, Associate Professor, IIM Visakhapatnam, India
- **Dr. Imon Chakraborty**, Assistant Professor, IIT Madras, India
- **Dr. Mayank Kumar**, Assistant Professor, IIM Bangalore, India
- **Dr. Nargis Pervin**, Associate Professor, IIT Madras, India

## Important Dates



# InCIS 2027

March 12 - 14, 2027

Advancing Towards a Responsible and Resilient Digital Future



<https://doms.iitm.ac.in/incis2027/>

## Call for Submissions

InCIS 2027 invites original research papers, case studies, practice-oriented submissions, and scholarly contributions across a wide range of Information Systems topics aligned with the conference theme: Advancing towards a Responsible and Resilient Digital Future.

Submissions are invited across 13 specialised tracks covering digital platforms, responsible AI, digital transformation, user behavior, data management, machine learning, general IS topics, industry practice, and other emerging areas of Information Systems research.

Authors are encouraged to submit work that is theoretically grounded, methodologically rigorous, and practically relevant. The conference welcomes qualitative, quantitative, mixed-method, computational, design science, conceptual, critical, interpretive, and practice-oriented research.

## Doctoral Consortium

A dedicated Doctoral Consortium will be held on March 11, 2027, at IIM Bangalore, one day before the main conference.

The Doctoral Consortium will provide doctoral students and early-career researchers with a structured forum for feedback, mentorship, and scholarly community-building. It will offer participants an opportunity to discuss their research ideas, receive guidance from senior scholars, and engage with peers working across different areas of Information Systems research.

## Research Tracks

InCIS 2027 features 13 specialised tracks spanning the breadth of Information Systems research and practice. The confirmed track information currently available is listed below. Remaining track details may be added after confirmation from the respective track chairs and program committee.

# InCIS 2027

March 12 - 14, 2027

## CALL FOR PAPERS

### 3rd India Conference on Information Systems

#### TRACK - 1: Building Responsible Digital Platforms

#### Track Chairs



**Dr. Arpan Kumar Kar**  
Endowed Chair Professor  
IIT Delhi



**Dr. Prashant Kumar**  
Assistant Professor  
MDI Gurgaon

#### Track Description

Digital platforms have become deeply embedded in economic, social, and institutional life, creating new possibilities for value creation, civic participation, and organizational change. However, this integration has also brought significant challenges, such as algorithmic governance challenges, eroding privacy, exacerbating digital inequalities, escalating information assurance threats, driving unsustainable resource use, and outpacing existing governance systems. Digital systems are non-neutral entities; they embed values, reconfigure power dynamics, and generate consequences that are unequally distributed (Tilson et al., 2010). Digital responsibility has therefore transitioned from a discretionary initiative to a fundamental organizational and societal requirement. Carl and Hinz (2024) demonstrate that corporate digital responsibility encompasses a broad range of activities, including data stewardship and algorithmic transparency, as well as inclusive design and environmental accountability. In addition, Zamani et al. (2026) argue that IS scholarship should pay closer attention to the relational and contextual dimensions of responsibility that broader governance frameworks often miss. The relationship between this track and the conference's overarching theme of advancing a responsible and resilient digital future is direct and constitutive. Resilience without responsibility risks rebuilding unjust or extractive arrangements after disruption; responsibility without resilience remains aspirational in the face of systemic shocks. Digital transformation and sustainability are increasingly recognized as deeply intertwined imperatives. Covucci et al. (2024) show, through a systematic review, that digital sustainability and corporate digital responsibility reinforce each other, and that organizations need integrated governance frameworks rather than fragmented responses. At the societal level, Tiron-Tudor et al. (2026) argue that the ethical, legal, and social effects of digital innovation require analysis that spans individual firms, institutions, and regulatory systems. Effective governance necessitates both technical and normative capacities.

Building on this foundation, this track welcomes rigorous theoretical, empirical, and design-oriented research examining how digital systems can be built and governed in ways that are fair, sustainable, transparent, and answerable to the people they affect. We welcome qualitative, quantitative, mixed-method, critical, interpretive, and design science approaches, as well as interdisciplinary work that connects IS with law, public policy, political economy, and the social sciences. The track seeks scholarship that is not only intellectually rigorous but also practically impactful, helping to shape the design of digital systems, the development of institutional frameworks, and the exercise of public and organizational responsibility in a fast-moving digital world.

We welcome submissions that advance IS theory and practice. We are especially interested in the following areas, but limited to these only:

#### Suggested Topics/Areas

- **Digital governance and accountability mechanisms:** *How organizations and institutions design and enforce governance structures that ensure transparency, accountability, and effective oversight of digital systems.*
- **Privacy and data sovereignty in digital platforms:** *How organizations balance cross-border data flows, user rights, and regulatory compliance while ensuring meaningful control over personal data.*
- **Sustainable digital infrastructures and IS responsibility:** *How digital systems can be designed and managed to reduce environmental impact while supporting broader sustainability goals.*
- **Bridging digital inequality through inclusive design:** *How digital systems can be developed to address disparities in access, skills, and outcomes across diverse populations.*
- **Information assurance in digital platforms:** *How organizations build adaptive and responsible information assurance frameworks that integrate human, technical, and institutional dimensions.*
- **Platform power and ecosystem accountability:** *How digital platforms manage power asymmetries, regulate ecosystem participants, and ensure accountability in large-scale digital environments.*
- **Embedding ethical values in platform design:** *How values such as fairness, autonomy, and dignity can be operationalized within system design and development processes.*
- **Building digital trust and institutional legitimacy:** *How organizations establish and sustain trust through transparency, ethical practices, and governance mechanisms.*
- **Regulation, compliance, and digital policy design:** *How regulatory frameworks influence organizational behaviour, innovation, and responsible digital practices across jurisdictions.*
- **Societal impacts of digital futures:** *How digital futures reshapes work, institutions, and communities, and how responsibility can be integrated into these changes.*
- **Responsible algorithmic governance:** *How platforms can create information systems that are inclusive and responsible by design*



# InCIS 2027

March 12 - 14, 2027

## CALL FOR PAPERS

### 3rd India Conference on Information Systems

#### TRACK - 2: Resilient Digital Systems for the Future

#### Track Chairs



**Dr. Satish Krishnan**  
Professor  
IIM Kozhikode



**Dr. Najmul Islam**  
Professor  
LUT University, Finland



**Dr. Pramukh Nanjundaswamy Vasist**  
Adjunct Faculty  
IIM Kozhikode

#### Track Description

Digital systems today underpin critical dimensions of economic activity, public administration, healthcare, financial markets, and social infrastructure. Yet these systems operate in an environment of escalating complexity, marked by cascading cyber threats, geopolitical disruptions, infrastructure failures, AI-induced unpredictability, and the compounding risks that accompany rapid digital transformation. The study of resilient digital systems, from an Information Systems (IS) perspective, goes well beyond questions of technical robustness or fault tolerance. It encompasses how IS are designed, governed, and adapted to absorb disruption, recover functionality, and evolve in the face of uncertainty.

Resilient digital systems are not merely systems that survive failure. They are systems that are designed to learn from disruptions, adapt to changing conditions, and emerge stronger. This requires attention to the organizational, institutional, and sociotechnical conditions that enable or impede resilience across sectors and scales. It also requires a deeper understanding of how system design, organizational adaptation, continuity planning, and digital infrastructure governance shape the capacity of digital systems to remain functional, reliable, and responsible under conditions of uncertainty.

The growing dependence on digital infrastructure has made resilience a critical concern for organizations, governments, and societies. Disruptions in digital systems can affect business continuity, public service delivery, financial transactions, healthcare access, platform ecosystems, and institutional trust. In this context, IS research has an important role to play in examining how digital systems can be designed for continuity, redundancy, graceful degradation, recovery, and adaptation.

AI and automated decision-making further complicate the resilience challenge. While AI can enhance prediction, automation, and responsiveness, it can also introduce new forms of opacity, brittleness, and systemic vulnerability. Emerging agentic AI systems also raise important questions about how AI may be used to simulate disruption scenarios, stress-test IS resilience, and support adaptive responses, while ensuring appropriate human oversight, system boundaries, and accountability in AI-mediated crisis response.

Contributions engaging with contexts relevant to emerging economies and the Global South are particularly encouraged. Digital systems in these contexts often operate under resource constraints, regulatory uncertainty, and infrastructural variability. India's digital transformation journey, spanning Digital Public Infrastructure (DPI), enterprise digitalization, and platform ecosystems, offers a rich empirical and theoretical setting for examining how resilient digital systems can be designed, governed, and sustained.

#### Suggested Topics/Areas

- IS frameworks and constructs for digital resilience,
- Business continuity and disaster recovery in digital organizations.
- Resilience of Digital Public Infrastructure (DPI).
- AI-induced fragility and system brittleness.
- Agentic AI and resilience stress-testing of digital systems.
- Organizational agility and adaptive IS.
- Cybersecurity resilience and IS governance.
- Resilience-oriented security governance, detection, response, and recovery.
- Sociotechnical resilience in platform ecosystems.
- Digital platforms, multi-sided ecosystems, stability, continuity, and trust under stress.
- IS and institutional resilience in the Global South.
- Digital systems in resource-constrained and high-uncertainty environments.
- Data governance and resilience.
- Data quality, data sovereignty, backup architectures, and federated data governance.
- Continuity, redundancy, and graceful degradation in large-scale digital systems.
- Responsible design for resilient futures.
- Fairness, transparency, accountability, equity, and inclusion in resilient IS.
- Human oversight, system boundaries, and accountability in AI-mediated crisis response.
- Digital infrastructure governance and continuity planning.
- Organizational recovery from supply chain disruptions, regulatory shifts, and market volatility



# InCIS 2027

March 12 - 14, 2027

## CALL FOR PAPERS

### 3rd India Conference on Information Systems

**TRACK - 3: Digital Technologies Transforming Business the Future**

#### Track Chairs



**Dr. Merlin Nandy**  
Associate Professor  
IIM Sambalpur



**Dr. Vidushi Pandey**  
Associate Professor  
IIM Kozhikode



**Dr. Nakul Gupta**  
Associate Professor  
MDI Gurgaon

#### Track Description

Digital systems today underpin critical dimensions of economic activity, public administration, healthcare, financial markets, and social infrastructure. Yet these systems operate in an environment of escalating complexity, marked by cascading cyber threats, geopolitical disruptions, infrastructure failures, AI-induced unpredictability, and the compounding risks that accompany rapid digital transformation. The study of resilient digital systems, from an Information Systems (IS) perspective, goes well beyond questions of technical robustness or fault tolerance. It encompasses how IS are designed, governed, and adapted to absorb disruption, recover functionality, and evolve in the face of uncertainty.

Resilient digital systems are not merely systems that survive failure. They are systems that are designed to learn from disruptions, adapt to changing conditions, and emerge stronger. This requires attention to the organizational, institutional, and sociotechnical conditions that enable or impede resilience across sectors and scales. It also requires a deeper understanding of how system design, organizational adaptation, continuity planning, and digital infrastructure governance shape the capacity of digital systems to remain functional, reliable, and responsible under conditions of uncertainty.

The growing dependence on digital infrastructure has made resilience a critical concern for organizations, governments, and societies. Disruptions in digital systems can affect business continuity, public service delivery, financial transactions, healthcare access, platform ecosystems, and institutional trust. In this context, IS research has an important role to play in examining how digital systems can be designed for continuity, redundancy, graceful degradation, recovery, and adaptation.

AI and automated decision-making further complicate the resilience challenge. While AI can enhance prediction, automation, and responsiveness, it can also introduce new forms of opacity, brittleness, and systemic vulnerability. Emerging agentic AI systems also raise important questions about how AI may be used to simulate disruption scenarios, stress-test IS resilience, and support adaptive responses, while ensuring appropriate human oversight, system boundaries, and accountability in AI-mediated crisis response.

Contributions engaging with contexts relevant to emerging economies and the Global South are particularly encouraged. Digital systems in these contexts often operate under resource constraints, regulatory uncertainty, and infrastructural variability. India's digital transformation journey, spanning Digital Public Infrastructure (DPI), enterprise digitalization, and platform ecosystems, offers a rich empirical and theoretical setting for examining how resilient digital systems can be designed, governed, and sustained.

#### Suggested Topics / Areas

- **Organizational agility and adaptive IS.**
- **Platform Governance, Content Moderation, and Platform Responsibility.**
- **Algorithmic Influence and Platform Dynamics.**
- **Social Media for Collective Action and Digital Activism.**
- **Societal Implications of Technology: Polarization, Discrimination, Societal Cohesion**
- **Human-AI collaboration.**
- **Privacy, surveillance, and security tensions in new age tech environments.**
- **Blockchain for Business.**
- **Digital Business Model innovation.**
- **Smart operations leveraging IoT.**
- **Business value of AI and generative AI in enterprises.**
- **Digital capabilities, dynamic routines, and firm performance.**
- **AI governance, algorithmic accountability, and responsible adoption.**
- **Workforce reconfiguration and human-AI task redesign.**
- **Digital platforms, ecosystems, and value co-creation.**
- **Data strategy, monetization, and analytics-driven decisions.**

# InCIS 2027

March 12 - 14, 2027

## CALL FOR PAPERS

### 3rd India Conference on Information Systems

#### TRACK - 4: AI, Future Jobs, and Public Policy



#### Track Chairs



**Dr. Vigneswara Ilavarasan**  
Professor & Head  
IIT Delhi



**Dr. Mahesh Balan Umaithanu**  
Principal Data Scientist  
Walmart



**Dr. Ashish Kumar Rathore**  
Assistant Professor  
IMI New Delhi

#### Track Description

Artificial Intelligence (AI) is rapidly transforming economies, labor markets, governance systems, and everyday life across the world. While much of the scholarly and policy discourse on AI has been shaped by experiences from the Global North, the implications of AI for work, livelihoods, social inclusion, diversity and national institutional capacity in the Global South remain underexplored. Emerging AI infrastructures, platform economies, algorithmic management systems, and data centric governance mechanisms may be reshaping existing development trajectories. In addition to creating new opportunities for innovation and inclusion, it may also create new digital divides. This track invites scholars and practitioners to critically examine how AI is influencing the future of work, skill ecosystem, labor relations, welfare systems, and public policy in diverse Global South contexts. We seek contributions that investigate the socio technical, economic, and institutional dimensions of AI adoption and governance.

The track also aims to revisit and reimagine foundational debates within the Information and Communication Technologies for Development (ICTD) literature. As AI becomes embedded within development agendas, there is a pressing need to critically assess long-standing technological deterministic assumptions about development, and innovation. We encourage submissions that engage with the emerging theoretical paradigms, including decolonial perspectives and native theories. We are hoping to unearth important lessons for both academia, policy, and practice. By foregrounding locally grounded experiences and alternative imaginaries, this track seeks to advance new conceptual and empirical insights into the relationship between AI, future of work, and public policy in the Global South. Submissions from all disciplines and practitioners are welcome.

#### Suggested Topics / Areas

- **GenAI and informal work systems in Global South.**
- **Multinationals, AI Adoption and Spillovers.**
- **AI Optimism / Pessimism and Consequences for Local Innovation.**
- **AI-led automation and Labor Market Restructuring.**
- **Algorithmic Management by New Labour in Global South.**
- **Public Policy Responses to AI production and consumption.**
- **Digital Public Infrastructure, AI, and State Capacity.**
- **Revisiting ICTD Theories for AI Ecosystems.**
- **Decolonial Perspectives and Native Theories for AI and Global South.**
- **Inclusion, Equity, and Social Justice in AI-Enabled Futures of Work.**
- **Communities of Practice Approaches to AI Deployment by Social Enterprises.**

# INCIS 2027

March 12 - 14, 2027

## CALL FOR PAPERS

### 3rd India Conference on Information Systems

**TRACK - 5: Responsible AI: Development, Integration, and Governance**

#### Track Chairs



**Dr. Vijayan Sugumaran**  
Professor  
Oakland University



**Dr. V N Rajesh**  
Associate Professor  
IFMR-GSB, Krea  
University



**Dr. V.S. Prakash Attili**  
Associate Professor  
IIM Lucknow



**Dr. Sunil Reddy Kunduru**  
Assistant Professor  
IIM Amritsar

#### Track Description

The INCIS 2027 Theme Track Responsible AI: Development, Integration and Governance calls for research that foregrounds explainability, responsibility, and ethics in AI systems. AI is being integrated into all walks of life at an unprecedented pace, with far-reaching consequences to individuals, communities, and organizations. As AI moves from the realm of possibilities to being integral to day-to-day life, accountability and responsibility can no longer be considered optional enhancements to AI systems. While consequences of rapid proliferation of AI systems can cause disruptions and anxiety; transparency, responsibility, and accountability in design, development and integration of AI can foster resilience in individuals, communities and organizations.

We invite research on responsible AI that addresses multiple dimensions of responsibility in design, development, integration, and governance of AI systems. The scope of the track includes all forms of AI: physical, analytical, generative and agentic. We encourage submission of research on different dimensions of responsibility including trust, accountability, control, contestability, etc. Research on design and development of AI systems such as responsible-by-design, human-in-the-loops design, technical debt, software development methods, etc. are particularly relevant to this track. Research work submitted to this track may cover a wide range of organizational and societal contexts such as digital public infrastructure, public systems, data management, privacy, cybersecurity, reconfiguration of work, etc. Of particular interest is the emerging research on developing metrics for AI responsibility and methods to measure responsibility.

#### Suggested Topics / Areas

- **Accountability and Responsibility in AI-enabled Digital Public Infrastructure.**
- **Public Trust and Legitimacy of AI in Societal Institutions.**
- **Accountability and Control in Agentic and Autonomous AI Systems.**
- **Responsible use of Generative AI in Software Development, Education and Research.**
- **Governance, Regulation and Responsible-by-Design in AI-enabled Systems.**
- **Data Privacy, Sovereignty, Security and Responsible Management of Data for AI.**
- **AI Governance at the Cybersecurity-Privacy Interface and Risk Management.**
- **Human-in-the-loop design of AI Systems and Contestability in AI-Augmented Decision Process.**
- **Responsibility in Re-Configuring Work in Organizations with Enterprise-wide Agentic AI Adoption.**
- **Metrics and Methods to Measure Responsibility in AI Systems.**
- **Technical Debt in using Generative AI for IS Development.**
- **Verification and Validation of AI Systems.**
- **Methods for IS Development in AI-Enabled Contexts.**



# InCIS 2027

March 12 - 14, 2027

## CALL FOR PAPERS

### 3rd India Conference on Information Systems

#### **TRACK - 6: Human-Machine Collaboration**

#### Track Chairs



**Dr. Ashish Gupta**  
Professor  
Auburn University



**Dr. Venkataraghavan Krishnawamy**  
Associate Professor  
IIM Trichy



**Dr. Balagopal N**  
Assistant Professor  
NSS College of Engineering

#### Track Description

Human-AI collaboration is changing the workplace, the nature of the work, and the process of task completion. It is expanding in directions and domains, ranging from healthcare to manufacturing, that were unforeseeable until recently. Such collaboration hinges on the premise that both entities work towards a common goal. This symbiosis is becoming increasingly synergistic as modern technologies, such as agentic AI systems, are being assimilated at a tremendous pace in the workplace through the adoption of Generative and Agentic AI. As humans benefit from these technologies, AI Agents are also learning from how humans operate and make decisions. This collaboration benefits humans by enhancing their efficiency and strengthening human cognition and decision-making. However, for human-AI collaboration to be effective, numerous multifaceted challenges must be investigated and overcome. For example, interoperability, trust in AI systems, co-adaptation, and co-existence in work environments are issues that need attention from IS researchers. Effective teaming between Humans and AI needs careful study, as unexpected interactions may lead to undesirable outcomes. Technical issues such as computational speed, learning, and multi-agent communication need to be investigated.

While Human-AI collaboration is shaping the workplace environment in numerous ways, increased automation is creating new issues, such as challenges to human dignity, AI use policy and redesign, and redefined task roles. The evolution of a new work environment could challenge the status quo and require a retooling of skills.

This track invites innovative and novel studies that study all aspects of Human-AI collaboration, irrespective of research methodologies. Topics include, but are not limited to:

#### Suggested Topics / Areas

- Human-AI team- communication, coordination, and control.
- Trust in Human-AI collaboration.
- Explainable-AI.
- Automation and augmentation of work.
- Design of Generative AI and Agentic Systems.
- Decision making in a Human-AI collaborative context.
- AI moderated and mediated work.
- Policy impact in Human-AI workplaces.
- Design Science application in a human-AI collaborative context.
- Future of work in the Human-AI collaboration.
- Governance in the Human-AI collaboration.
- Creativity, ethical, and socio-technical issues related to Human-AI collaboration.
- Human, cultural, and social factors in the context of human-AI collaboration.
- Framework for human-AI collaboration.
- AI and ML models to enhance human-AI collaboration.
- Design of algorithms for effective human-AI collaboration.



# InCIS 2027

March 12 - 14, 2027

## CALL FOR PAPERS

### 3rd India Conference on Information Systems

#### **TRACK - 7: IS and Future of Communities**

#### Track Chairs



**Dr. Anuragini Shirish**

Assistant Professor

IMT Business School



**Dr. Rishikesan Parthiban**

Associate Professor

IIM Trichy



**Dr. Muhammed Sadiq T**

Post-Doctoral Research Fellow

IIM Bangalore

#### Track Description

IS research examines how different communities organize, create shared value, and respond to disruption across a wide range of contexts, from ICT-for-development initiatives and governance platforms to digital health systems, social media platforms, and digital movements. This track understands communities as groups of people who share common interests, identities, or circumstances and who regularly interact (whether online, offline, or both). Communities are social systems in which people exchange support, companionship, and knowledge, develop shared norms, and build collective capacity for action. This includes online and platform-mediated communities, communities of practice, and socio-economic communities. Yet the relationship between IS and communities remains marked by significant tensions. While digital technologies can amplify collective voice, strengthen community resilience, and create a sense of belonging in times of uncertainty, they can also deepen existing divides, displace local knowledge systems, and introduce new forms of dependency. This can happen through algorithmic assemblages that reshape community-level decision-making or platform architectures that concentrate power far from the communities they serve.

This track invites engagement with how communities are evolving in and through digital spaces, how their futures are being shaped, and the critical questions this evolution raises. Who benefits, and who bears the consequences, when technologies are deployed at the community level? How do digital systems reshape the behavioural, socio-economic, and cultural dimensions of community life? How can communities sustain themselves or become resilient in the face of technological disruption and shifting political landscapes? And how are emerging technologies, platforms, and policies shaping the future of digital public infrastructure and its effects on communities?

This track welcomes diverse scholarship that explores, but is not limited to, the following topics:

#### Suggested Topics / Areas

- **Digital public infrastructure and its community-level impacts;**
- **AI and community governance;**
- **Digital technologies for community wellbeing;**
- **Platform governance and the future of online communities;**
- **Digital transformation initiatives small businesses;**
- **Social entrepreneurship for social good; community health and digital platforms;**
- **Misinformation, disinformation, and their effects on communities;**
- **Local governance and digital transformation;**
- **Community digital futures including startup initiatives that shape community life.**



# InCIS 2027

March 12 - 14, 2027

## CALL FOR PAPERS

### 3rd India Conference on Information Systems

**TRACK - 8: User Behavior on Digital Products & Platforms**

#### Track Chairs



**Dr. Shankhadeep Banerjee**  
Associate Professor  
IIM Bangalore



**Dr. Samadrita Bhattacharya**  
Associate Professor  
IIM Udaipur

#### Track Description

User behavior is now the central determinant of whether a digital product or platform succeeds, fails, or causes harm. The same recommendation engine, social platform, GenAI assistant, fintech app, virtual community, or crowdsourcing site can produce wildly different outcomes depending on how users actually perceive it, adopt it, work around it, or disengage from it. AI has made this harder, not simpler: users are now interacting with systems that adapt to them in real time, which means user behavior and platform behavior co-evolve in ways that older adoption and use models do not cleanly capture. For InCIS 2027, this track treats the user as the unit that responsibility and resilience must ultimately answer to. Responsibility, because design choices and platform dynamics shape user welfare, autonomy, and trust; and Resilience, because users are also the ones who absorb, adapt to, and push back against digital disruptions.

The track invites rigorous research on user behavior on digital products and platforms at individual, group, organizational, and societal levels. We are particularly interested in: how AI and GenAI are reshaping user interactions and engagement; the dark side of engagement - dependence, over-reliance, addiction, manipulation, and well-being harms; design strategies for healthier engagement, calibrated trust, and appropriate reliance; and user behaviors that are distinctive to India and other emerging economies, including those visible on digital public goods. We welcome experimental, econometric, qualitative, design-science, computational, and mixed-methods studies with theoretical grounding in user psychology and behavior.

#### Suggested Topics/Areas

- AI- and GenAI-driven personalization, recommendations, and their effects on user behavior and engagement.
- Appropriate reliance, calibrated trust, and human-AI collaboration on digital products and platforms.
- The dark side of digital engagement: dependence, over-reliance, technostress, skill erosion, and digital well-being.
- User-generated content, online reviews, virtual communities, and the dynamics of contribution, recognition, and reputation.
- Gamification, behavioral incentives, and engagement design across consumer, enterprise, and platform contexts.
- User behavior in immersive environments: AR/VR, the Metaverse, social robots, and embodied digital products.
- Privacy, security, and consent behaviors on digital platforms, including dark patterns and manipulative design.
- Platform-mediated work, gig and creator economies, and behavioral dynamics under algorithmic management.
- Misinformation, polarization, prosocial behavior, and user behavior during crises and contested digital public spheres.
- User behavior on digital products and platforms in Indian and emerging-economy contexts: adoption, inclusion, last-mile engagement, and behavior on digital public goods (e.g., UPI, ONDC, Aadhaar-enabled services).

# InCIS 2027

March 12 - 14, 2027

## CALL FOR PAPERS

### 3rd India Conference on Information Systems

**TRACK - 9: Diversity, Inclusion, Accessibility and Information Systems**

#### Track Chairs



**Dr. Amit Prakash**  
Professor

IIT Bangalore



**Dr. Hemachandran Karah**  
Associate Professor

IIT Madras



**Dr. Lakshmi Iyer**  
Professor

UNC Greensboro



**Dr. Rajesh Chandwani**  
Professor

IIM Ahmedabad

#### Track Description

Digital technologies increasingly shape participation in economic, social, educational, and political life. As organizations and societies strive for more equitable and sustainable futures, diversity, inclusion, accessibility, and representation have become central concerns for Information Systems (IS) research and practice. While digital technologies can expand opportunities and reduce barriers, they can also reinforce existing inequalities related to gender, disability, race, ethnicity, caste, age, socioeconomic status, sexuality, language, geography, and other dimensions of identity. Growing attention to women in technology, workplace diversity, algorithmic fairness, and digital accessibility highlights the need to critically examine how information systems both enable and constrain inclusion.

This track invites theoretical, empirical, methodological, and design-oriented research on how information systems can promote accessibility, inclusion, participation, and social justice across diverse contexts.

We particularly encourage interdisciplinary work that engages with the experiences of persons with disabilities, women and gender minorities, indigenous communities, racial and ethnic minorities, older adults, neurodiverse individuals, and other underrepresented groups, while exploring how digital technologies can contribute to more inclusive organizations, communities, and societies.

#### Suggested Topics / Areas

- Ableism, discrimination, bias, and exclusion in Information Systems
- Accessibility and inclusive design in digital platforms, products, and services
- Women in IS, gender and technology, and feminist perspectives on digital innovation
- Diversity, equity, inclusion, and belonging (DEIB) in digital workplaces and technology organizations
- Accessibility and inclusion in the future of work, hybrid work, platform work, and gig work
- AI, algorithmic fairness, and responsible AI for accessibility and inclusion
- Assistive technologies and engagement with user communities
- Design principles, frameworks, and methodologies for accessible and inclusive digital technologies
- Digital technologies for promoting workplace inclusion, diversity, and participation
- Disability inclusion, accessibility, and digital rights
- Intersectionality, identity, and digital participation among underrepresented groups
- Indigenous, grassroots, and contextual innovations for inclusion in the Global South
- Ethical, legal, and policy dimensions of accessibility, diversity, and inclusion in digital systems
- Participatory design, co-creation, and community-led technology development
- Accessible research methods, digital ethnography, user agency, and empowerment through technology



# InCIS 2027

March 12 - 14, 2027

## CALL FOR PAPERS

### 3rd India Conference on Information Systems

**TRACK - 10: Data Management and Machine Learning**



#### Track Chairs



**Dr. Anik Mukherjee**  
Assistant Professor  
IIM Calcutta



**Dr. Gaurav Dixit**  
Joint Faculty  
IIT Roorkee



**Dr. Kalpit Sharma**  
Assistant Professor  
IIM Kozhikode

#### Track Description

This track focuses on the growing role of data management and machine learning in shaping the future of digital systems. Today, organizations depend on data-driven technologies to improve services, support decisions, and create innovation across sectors such as healthcare, education, finance, smart cities, public administration, manufacturing and others. Effective data management provides the foundation for these systems by ensuring that data is accurate, secure, available, and well-governed. Machine learning builds on this foundation by discovering patterns, generating predictions, and supporting intelligent automation. Together, these areas are central to the development of modern digital ecosystems.

As digital systems become more powerful, concerns about privacy, bias, transparency, accountability, and security are becoming more important. Responsible digital futures require methods that promote ethical data use, trustworthy machine learning models, and fair decision-making processes. Resilient digital futures require systems that are robust, adaptive, scalable, and able to perform under changing conditions, failures, or attacks.

This track welcomes theoretical, empirical, and applied research that addresses these challenges and opportunities. Submissions should show how data management and machine learning can contribute to digital systems that are not only efficient and intelligent, but also reliable, sustainable, and socially responsible.

#### Suggested Topics / Areas

- **Real-world applications of machine learning such as healthcare, education, finance, smart cities, public administration, and manufacturing and others.**
  - **Scalable data systems and architectures for ML**
  - **Ethical and responsible AI**
  - **Explainable and interpretable machine learning**
  - **Privacy-preserving data analytics**
  - **Bias detection and fairness in machine learning**
  - **Data security and trust management**
  - **Data quality, integration, interoperability, and lineage**
  - **GenAI and Agentic AI applications**
  - **Reinforcement learning applications**
- Submission Information**

# InCIS 2027

March 12 - 14, 2027

## CALL FOR PAPERS

### 3rd India Conference on Information Systems

**TRACK - 11: General IS Topics**



#### Track Chairs



**Dr. Israr Qureshi**

Professor

Queen's University Belfast



**Dr. Sana Ansari**

Assistant Professor

SPJIMR



**Dr. Murchhana Tripathy**

Assistant Professor

TAPMI

#### Track Description

Digital systems are deeply embedded in everyday life, and their influence increasingly extends beyond technical performance to encompass broader societal, organizational, ethical, and developmental concerns. The “General IS Topics” track invites submissions that advance understanding of digital phenomena across diverse and evolving contexts. In particular, this track welcomes research that does not naturally fit within specialized thematic tracks, as well as work that spans multiple technologies, domains, methodologies, and perspectives. The track encourages conceptual, empirical, methodological, pedagogical, and practice-oriented contributions that examine the complex interplay between digital technologies, organizations, communities, and society. The horizon of this track is intentionally broad to accommodate unconventional, emerging, subtle, and inadvertently excluded topics within the Information Systems discipline. The track also recognizes that digital transformation unfolds unevenly across societies, particularly within marginalized and resource-constrained contexts in both developing and developed countries. Marginalization may emerge through economic disadvantages, social exclusion, caste, race, gender, migration status, indigeneity, or other forms of structural inequality. In such contexts, digital technologies can simultaneously reinforce and alleviate exclusion.

Emerging IS research highlights the transformative role of digital technologies in enabling participatory development, social entrepreneurship, knowledge sharing, community empowerment, and bottom-up innovation through approaches such as knowledge commoning, scaffolding, resourcing, and technoficing. This track therefore encourages submissions that critically and constructively examines how digital technologies interact with local cultures, indigenous wisdom, institutional constraints, and community-led innovation. By foregrounding inclusivity, sustainability, and meaningful engagement with underserved communities, the track seeks to foster richer conversations on how Information Systems research can contribute to equitable and socially impactful digital futures.

#### Suggested Topics / Areas

- ICT4D and influence on indigenous communities
- Technology-enabled societal transformation
- Algorithmic systems; Opacity, hegemony, and marginalization
- Digital cynicism, trust erosion, and platform disengagement
- Identity, surveillance, and boundary negotiation in datafied environments
- Innovation under constraint (e.g., technoficing, frugal, open-source, no-code, low-code ecosystems)
- Experiential and embodied interaction with digital systems (e.g., augmented reality, virtual reality, mixed reality, extended reality)
- Innovative use of digital technologies for development in marginalized contexts
- Community-led digital innovation and social entrepreneurship
- Leveraging “good enough” technologies for sustainable social impact
- Addressing intersectionality in digital development initiatives
- Digital technologies and entrepreneurship by and/or for marginalized communities
- Digital technologies to mitigate exclusion and support participatory development
- Technoficing, scaffolding, and resourcing approaches for social impact
- Digital technologies for social good and inclusive transformation

# InCIS 2027

March 12 - 14, 2027

## CALL FOR PAPERS

### 3rd India Conference on Information Systems

**TRACK - 12: Industry & Practitioners Track**

#### Track Chairs



**Dr. Rajhans Mishra**  
Professor  
IIM Indore



**Dr. Srinivas Josyula**  
Associate Professor  
IIM Visakhapatnam



**Dr. Bipul Kumar**  
Head of AI  
Kaliber Labs

#### Track Description

The Industry & Practitioners Track at InCIS 2027 provides a dedicated forum for technology leaders, digital strategists, and practitioners to share real-world experiences, challenges, and innovations at the intersection of emerging technologies and information systems. It creates a dedicated space for transformation practitioners to share applied insights, implementation experiences, and lessons learned — including what didn't work. This track welcomes contributions that go beyond theoretical frameworks to highlight applied insights, lessons from deployment, and implementation strategies drawn from practice.

As India accelerates its digital journey — from enterprise transformation to national-scale Digital Public Infrastructure — practitioners are uniquely positioned to shape the discourse around responsible adoption of AI, Blockchain, IoT, and next-generation IS architectures. This track invites industry voices to contribute case studies, experience reports, white papers, and practitioner-led panels that inform, inspire, and engage the broader information systems community.

The Industry & Practitioners Track at InCIS 2027 bridges the gap between academic research and real-world practice in information systems. India's digital landscape offers a uniquely compelling context for this conversation. The country's rapid deployment of Digital Public Infrastructure — UPI, Aadhaar, ONDC, and the evolving DPDP framework — alongside widespread enterprise adoption of AI, Blockchain, and IoT, has generated a body of practitioner knowledge that remains largely undocumented in global IS literature. This track exists to surface, validate, and amplify that knowledge, ensuring India's practitioner experience contributes meaningfully to the global information systems discourse.

Further, the track is designed as a two-way dialogue. Practitioner submissions are contextualized through academic lenses, while academic contributors are expected to foreground practical implications. The goal is genuine co-creation — where practitioners gain new conceptual tools, and researchers gain richer, ground-level questions. Over successive InCIS editions, this track aims to build a living archive of applied IS knowledge rooted in the Indian context.

#### Suggested Topics / Areas

- AI & Intelligent Systems in Enterprise
- Digital Public Infrastructure & DPI-led Innovation
- Blockchain for Trust & Transparency
- IoT, Edge Computing & Connected Enterprises
- Digital Transformation: Strategy & Execution
- Information Systems Management & Data Governance
- Responsible & Enterprise AI Deployment
- Next-Generation IS Architectures
- Cyber Security in a Multi polar world
- DPDP framework and its implications
- Business Model Transformation through technology
- Economics of Generative AI: ROI, Cost-Modeling, and Technical Debt
- Sociotechnical Systems: Human-Agent Collaboration & Future Workflows
- Productionizing Agents: Enterprise Architecture and Agentic AI Ops

# InCIS 2027

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Department of Management Studies, IIT Madras

*Advancing Towards a Responsible and  
Resilient Digital Future*

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