

# XVIII Annual Conference of Forum for Global Knowledge Sharing

**Theme:** *Innovation and Economy*

**Dates:** 5–7 December 2025 (Friday–Sunday)

**Hosted by:** School of Humanities and Social Sciences, IIT Indore

**Contact:** [fgksindia@gmail.com](mailto:fgksindia@gmail.com)

**Venue:**

Learning Resource Centre, IIT Indore

## Day 1 — Friday, 5 December 2025

**09:30–10:00 Registration**

**10:00–10:30 Inaugural Session**

Chair: **Prof. N. S. Siddharthan** (President, Knowledge Forum)

Inaugural Address: **Prof. Suhas S. Joshi** (Director, IIT Indore)

Overview of Sessions: **Prof. K. Narayanan** (IIT Bombay; Hon. Secretary, Knowledge Forum)

Vote of Thanks: **Prof. Ruchi Sharma** (Head of SHSS, IIT Indore)

**10:30–11:30 Panel Discussion I — Innovation & Economy: Opening Perspectives**

Chair: **Prof. S. R. Hashim** (former Chairman, UPSC, former President, Knowledge Forum);

Panelists: **Prof. Bishwanath Goldar** (IEG, Delhi); **Prof. Ashok Jain** (Former Director,

NISTADS); **Prof. Bino Paul** (TISS Mumbai & Treasurer, Knowledge Forum)

**11:30–12:00 Group Photo & Tea/Coffee**

**12:00–14:00 Competitive Technical Session I — Firm-Level Innovation, Competition & Employment**

Chair and Discussant: **Prof. Bino Paul** (TISS Mumbai & Treasurer, Knowledge Forum)

- *Impact of Product Sophistication on Export Performance of India's Organized Manufacturing Plants, 2012–2019* — **R. Rijesh & Bishwanath Goldar**
- *Applying Network Theory to the How of Knowledge Production* — **Dev Nathan** (IHD; WITS; GenDev Centre)
- *The Effects of Process and Product Innovation on Employment across Indian Innovative Manufacturing Firms and the Role of Foreign-Ownership* — **Pompi Chetia & Smruti Ranjan Behera** (IIT Ropar)
- *Corporate Innovation: The Dual Effect of Zombie Firms and Low-Capitalised Banks* — **Asha K. Rai & Ruchi Sharma** (IIT Indore)

**14:00–15:00 Lunch & Networking** Venue - Kshitij Mandapam, IIT Indore

**15:00–16:30 Competitive Technical Session II — Sustainability, Energy & Green Transition**  
Chair and Discussant: **Prof. Bishwanath Goldar** (Institute of Economic Growth, Delhi)

- *Green Innovation, Ecological Footprint and Environmental Strictness* — **Khanindra Ch. Das** (BIMTECH) & **Neelam Rani** (IIM Shillong)
- *Social and Spatial Inequalities in Clean Cooking Fuel Adoption in India: Insights from a Theil Index Analysis*— **Shelja, Krishna Malakar & Santosh K. Sahu** (IIT Madras)
- *The Path to Green Growth: Uncovering the Significance of Green Technology, Environmental Policy and ICT Diffusion from BRICS* — **Lakshmana Padhan & Savita Bhat** (NIT Surathkal)

**16:30–17:00 Tea/Coffee Break** Tea/Coffee Break

**17:00–18:30 Competitive Technical Session III — Knowledge, IP & Universities**

Chair and Discussant: **Prof. Subash S** (IIT Madras)

- *Intellectual Property Rights and R&D Organizations* — **Madhuri H. Shastry & Uday Bhanu Sinha** (Delhi School of Economics)
- *University-Led Innovations in India: Drivers of Patenting and Co-Patenting* — **Poorvi Soni, Madan Dhanora & Soham Tripathi** (MANIT Bhopal)
- *Do Gender-Inclusive Firms Innovate Differently? Diversity in Patents from Indian Manufacturing Firms* — **Neha Raghuvanshi & Madan Dhanora** (MANIT Bhopal)

**18:45–19:30: Governing Council Meeting** (Internal)

**19:00–20:00: Poster Session — Innovation & Economy**

Poster Session by Students and Young Researchers: Venue - Kshitij Mandapam, IIT Indore

**20:00 Conference Dinner:** Venue - Kshitij Mandapam, IIT Indore

## Day 2 — Saturday, 6 December 2025

### 09:30–11:00 Competitive Technical Session IV — Econophysics & Complex Dynamics

Chair and Discussant: **Prof. Ashok Jain** (Former Director, NISTAD)

- *Complexity in economic dynamics of business cycle model with memory* — **M. K. Das, A. K. Chaudhary & Sauresh Das** (University of Delhi South Campus; Sri Venkateswara College)
- *Nonlinear Dynamics of Complex Fractional Business Cycle Model: A Perturbative Approach* — **A. K. Chaudhary, Sauresh Das & M. K. Das** (University of Delhi South Campus; Sri Venkateswara College)
- *Foreign Direct Investment, Sectoral Productivity and Energy Efficiency: Insights with Econophysics and Panel Causality Analysis* — **Malavika Vipin, Santosh K. Sahu & Satyanarayanan Seshadri** (IIT Madras)

11:00–11:30 Tea/Coffee Break Tea/Coffee Break

### 11:30–13:00 Competitive Technical Session V — Technology Adoption & MSMEs

Chair and Discussant: **Prof. Kaushalesh Lal** (Formerly at UNU-MERIT)

- *Determinants of Digital Technology Adoption among Small Firms in India* — **Jayati Chatterjee & Subash S** (IIT Madras)
- *Trade-Off or Synergy? Investigating the Growth–Profitability Dynamics in Indian Manufacturing MSMEs* — **Puja Priyadarsini Sahoo & Krishnan Narayanan** (IIT Bombay)
- *Linking Innovation Capability to Sustainability in MSMEs: The Influence of Slack Resources* — **Shilpa Kalathingala & Sunil Kumar Ambrammala** (NIT Goa)

13:00–14:00 Lunch: Venue - Kshitij Mandapam, IIT Indore

### 14:00–16:00 Competitive Technical Session VI — Innovation, ICT and Competition

Chair and Discussant: **Prof. Uday Bhanu Sinha** (Delhi School of Economics, DU)

- *Innovation and Antitrust in the New IPR Regime: The Impact of M&As in India's Technology Sectors* — **Beena P L** (CDS Trivandrum)
- *Does ICT Investment in Low-, Medium- and High-Tech Industries Affect TFP Differently? Evidence from the Indian Manufacturing Sector* — **Subal Danta & Badri Narayan Rath** (IIT Hyderabad)
- *The Impact of Imports on Innovation in India: Evidence from Staggered Difference-in-Differences* — **Sidheswar Panda & Md Harish** (M.P.C Autonomous College; Dept. of Higher Education, Govt. of Odisha)

- *Waste Input–Output (WIO) and Material Flow Analysis (MFA) for Scrap Steel Policy Impact Evaluation* — **Amrita Goldar, Md Sarwar Ali, Yamini Sant, Pranav Jha, Prem Surya Dharmalingam, Sunishtha Yadav, Manasa Pothkanuri** (ICRIER)

**16:00-16:30 Tea/Coffee Break** Tea/Coffee Break

**16:30–18:00 Panel Discussion II — Advancing Innovation: The Institutional Perspective**

Chair and Moderator: **Prof. K. Narayanan** (IIT Bombay)

Panelists: Prof. Suhas S Joshi (Director, IIT Indore); Mr. Debojyoti Dey (Vice President & Head - Research Multi Commodity Exchange of India Ltd), Mr. Pradyot Porwal (CEO, Medius Earth) and Mr. Sachin Agarwal (Executive VP & Head R & D, Volvo Eicher Commercial Vehicle Pithampur).

**18:00–18:30 Concluding Session**

Rapporteur's Summary & Closing Remarks

**18:30–19:30 General Body Meeting**

**20:00 Dinner:** Venue - Kshitij Mandapam, IIT Indore

## **Day 3 — Sunday, 7 December 2025**

**10:00-12.00 PhD Scholars' Workshop**

**Chair: Professor N. S. Siddharthan [President, Knowledge Forum]**

Prof. K. Narayanan (IIT Bombay)

Prof. Bino Paul (TISS Mumbai)

Prof. Uday Bhanu Sinha (Delhi School of Economics, DU)