Faculty Publication - Book Chapters (2025-2026)

S.No	Title	Author(s)	Source Title	Date
1	The Role of Artificial Intelligence (AI) in the Transformation of Small- and Medium-Sized Businesses	Arjita Jain; **Kiran Shrimant Kakade**; Swati Amit Vispute	**Artificial Intelligence-Enabled Businesses: How to Develop Strategies for Innovation**	2025
2	Reconfigurable Intelligent Surface-Empowered Smart Radio Environments Design Perspective	Sri G.M.; Vajravelu A.; Rajasekar A.; **Kakade K.**	Challenges of Reconfigurable Intelligent Surfaces in 6G	2025
3	Need a Guide by My Side Not a Sage on Stage: ChatGPT in Learning	**Pradnya Vishwas Chitrao, Pravin Kumar Bhoyar, Rajiv Divekar**,	Springer Science and Business Media Deutschland GmbH	2025
4	Exploring Trust Factors in Virtual Finance: The Role of Human–Computer Interaction in Shaping User Intentions in Metaverse Banking	**Rashmy Moray**,	Springer Science and Business Media Deutschland GmbH	2025
5	Bridging the Digital Divide: Leveraging Technological Innovations for Inclusive and Sustainable Finance	Abhijit Ghosh, **Ankita Bhatia**	Financial Innovation for Global Sustainability	2025
6	Transformation of Supply Chain Ecosystems	**Vanishree Pabalkar**	Metaverse and Global Supply Chain Visibility	2025
7	Supply Chain Practices: Enhancing Environmental Responsibility in Global Operations	Sanket Khopkar, **Suruchi Pandey, Swati Amit Vispute**	Transformation of Supply Chain Ecosystems	2025
8	Deciphering the Link Between Financial Inclusion and Economic Growth: A Nexus Analysis	Ajay Khurana, **Shanul Gawshinde**	Immersive Technology for the Gig Economy: Transformative Business Practices	2025
9	6 - Role of knowledge graph-based methods in human—AI systems for automated driving	Sankarsan Panda, **Kiran Shrimant Kakade,** M. Nalini, Sheshang Degadwala	Knowledge Graph-Based Methods for Automated Driving	2025
10	Reconfigurable Intelligent Surface-Empowered Smart Radio Environments Design Perspective	Sri G.M.; Vajravelu A.; Rajasekar A.; **Kakade K.**	Applications and Challenges of Reconfigurable Intelligent Surfaces in 6G	2025

11	The intersection of neuromarketing and ethical consumerism in sustainable finance	Ajay Khurana , **Shanul Gawshinde**	Strategic Blueprints for AI-Driven Marketing in the Digital Era	2025
12	Using Blockchain- Enabled Digital Twins to Optimize Healthcare Workflows and Improve Efficiency	R Palraj, Swagata Sarkar, **Kiran S. Kakade**, Ashok Vajravelu	Digital Twin and Blockchain for Sustainable Healthcare 5.0: Real-Life Applications and Case Studies	2025
13	Transformative Mergers: A Roadmap for Sustainable Corporate Growth in Indian Public Sector Banks	Ajay Khurana, **Shanul Gawshinde**	Finance, Innovation and Corporate Sustainability: the Impact of Proactive Environmental Strategy on Firm Performance	2025
14	The Role of Digital Twins in Predicting and Preventing Diabetes	Swagata Sarkar, **Kiran S. Kakade**, S. Vidhya, Ashok Vajravelu	Digital Twin and Blockchain for Sustainable Healthcare 5.0: Real-Life Applications and Case Studies	2025
15	The Potential of Digital Twins and Block chain for Precision Drug Development and Delivery	C. Manonmani, **Kiran Kakade**, Ashok Vajravelu, Sheshang Degadwala,	Digital Twin and Blockchain for Sustainable Healthcare 5.0: Real-Life Applications and Case Studies	2025
16	The Growth of Extended Reality	Venkatesh Iyengar, **Vanishree Pabalkar**, Samaya Pillai	Introduction to Extended Reality (XR) Technologies	2025
17	Role of knowledge graph-based methods in human—AI systems for automated driving	Panda, Sankarsan, **Kiran S. Kakade**, M. Nalini, Sheshang D. Degadwala	Knowledge Graph-Based Methods for Automated Driving	2025
18	Impact of green management, AI, ML, and automation on firm performance: A review of empirical evidence	**Sanjay Kumar Mangla**, **Rajiv Divekar**, **Pravin Kumar**, Nandita Mishra, **Shehnaz Lockhat, Ritika Paul**	Green Engineering for Optimizing Firm Performance: AI and Automation for Sustainable Technologies	2025

19	Cryptocurrency Integration in the Web 3.0 Ecosystem: Opportunities, Challenges, and Future Directions	Adarsh Chandra Nigam, Ruby S. Chanda	Digital Strategy and Governance in Transformative Technologies	2025
20	Assessing Health Infrastructure for Providing Sustainable Healthy Living of Rural Communities in India	Mangla, S.K.,Divekar, R.,Kumar, P.,... Lockhat, S.,Paul, R.	Rural Futures	2026
21	Future Trends and Opportunities in HR 5.0: The Road Ahead	Shanul Gawshinde, Kashish Ohri, Suruchi Pandey, Hemlata Vivek Gaikwad, Samuel Kutty, Sneha Racheal	HR 5.0 Integration: Unleashing the Potential of the Digital Twin Revolution	2026