



Notice for the PhD Viva-Voce Examination

Ms Lakshmi Shetty (Registration Number: 1810072), PhD scholar at the School of Commerce, Finance and Accountancy, CHRIST (Deemed to be University), Bangalore will defend her PhD thesis at the public viva-voce examination on Wednesday, 21 August 2024 at 10.00 am in Room No. 044, Ground Floor, R & D Block, CHRIST (Deemed to be University), Bengaluru - 560029.

Title of the Thesis	:	Managing Sustainability in Perishable Food Supply Chains: A Case of Mango from Farm-to-Table
Discipline	:	Commerce
External Examiner (Outside Karnataka)	:	Dr Sanjeev Kumar Associate Professor OP Jindal Global Business School OP Jindal Global University Sonipat, Haryana - 131001
External Examiner (Within Karnataka)	:	Dr Arti Mehta Sharma Associate Professor and Director Symbiosis Centre for Management Studies Symbiosis International Deemed University Electronic City, Phase -1, Hosur Road Bengaluru - 560100 Karnataka
Supervisor	:	Dr Shefali Srivastava Assistant Professor Department of Professional Studies School of Commerce, Finance and Accountancy CHRIST (Deemed to be University) Bengaluru – 560029 Karnataka

The members of the Research Advisory Committee of the Scholar, the faculty members of the Department and the School, interested experts and research scholars of all the branches of research are cordially invited to attend this open viva-voce examination.

Place: Bengaluru
Date: 12 August 2024



Registrar

ABSTRACT

This research examines India's role in the global food production sector, focusing on perishable goods. It highlights the importance of a sustainable and efficient perishable sector for the Indian economy's growth and addresses issues like post-harvest losses and inefficiencies. The study uses insights from resource-based view theory, stakeholders theory and systems theory to analyse the challenges and opportunities in perishable food supply chain. It emphasizes the role of farmers in ensuring quality and effectiveness. The research also explores the broader context of Indian agriculture, focusing on the perishable and horticulture sectors, their economic importance, and challenges such as post-harvest losses and climate change impacts. The research advocates for a strategic collaborative approach involving governments, businesses, and communities to secure the sustainability and resilience of the perishable food supply chain.

The existing literature on the perishable food supply chain is evaluated through bibliometric analysis to identify research gaps. The identified gaps serve as the foundation for the research objectives, aiming to fill these voids with fresh insights and discoveries. The research methodology employs both quantitative and qualitative techniques, including probability multistage sampling techniques and surveys. The research model presents a comprehensive model that takes into account quality, efficiency, sustainability and technological capabilities within the perishable food supply chain, with a specific focus on the moderating impact of technological capabilities. The study identifies positive connections between quality and sustainability, efficiency and sustainability, and the combined influence of quality and efficiency on sustainability. Technological capabilities are revealed to bolster these connections, underscoring the significance of circularity in the supply chain to minimize waste and align with sustainability objectives.

Keywords: Perishable food, supply chain, efficiency, quality, efficiency, sustainability and circularity.

Publications:

1. **Lakshmi Shetty, Shefali Srivastava, Ashish Dwivedi, Dragan Pamucar and Anchal Patil. (2024).** Shaping sustainable paths for perishable food supply chains - contemporary insights and future prospects. *Environment, Development and Sustainability*. <https://doi.org/10.1007/s10668-024-05067-6>
2. **Lakshmi Shetty, Kavitha Desai and Shefali Srivastava. (2024).** Quality Efficacy Issues in Mangoes: Decoding Retailers Supply Chain (pp. 795–805). https://doi.org/10.1007/978-3-031-35828-9_66
3. **Lakshmi Shetty, and Kavitha Desai. (2023).** Organic perishable food and its buying behaviour: a systematic review, *Journal of the Asiatic Society of Mumbai*, ISSN: 0972-0766