

## Research project and supervisor team

<b>Supervisory Team</b>	<p><a href="#">Prof. Antony Paulraj</a>, Li Dak Sum Chair Professor in Information Systems and Operations Management</p> <p><a href="#">Prof. Jing Dai</a>, Professor in Operations Management</p>
<b>Short introduction &amp; description of research project</b>	<p>The advent of state-of-the-art technologies such as artificial intelligence, internet-of-things, etc., have led to the start of intelligent manufacturing. In addition to incorporating intelligence into the manufacturing process, companies must also think about infusing smart technologies into their supply chains. Given that supply chains operate in an ever-changing and risky global environment, they need to be agile as well as resilient so as to attain competitive advantage and sustainable business performance. Smart technologies such as artificial intelligence, data analytics, robotics, digital platforms, social media, digital traces, blockchain, IoT and 3D printing could help supply chains to achieve this objective.</p> <p>They are expected to have significant impacts on supply chain management for various reasons. Smart technologies lead to profound transformation of the firm's processes, the structure of the firm's ecosystem, and even the firm's business model. Meanwhile, those changes in the firm's internal and external environment will also lead to a modification in the way how supply chain partners interact, collaborate and compete with each other.</p> <p>A clear understanding of the impact of smart technologies on supply chain management is still lacking and needs to be further explored. This PhD project aims to conduct research on how smart technologies influence supply chain management, reflecting on both opportunities and challenges that rise from the implementation of smart technologies. We want to contribute to the knowledge dissemination and discussion regarding emerging issues and future horizons deriving from the adoption of smart technologies in supply chain management.</p> <p>The successful candidate will be working with two specialists in Supply Chain Management in the Nottingham University of Business School (NUBS) China.</p>
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