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Kulicke & Soffa inks research collaboration with NUS

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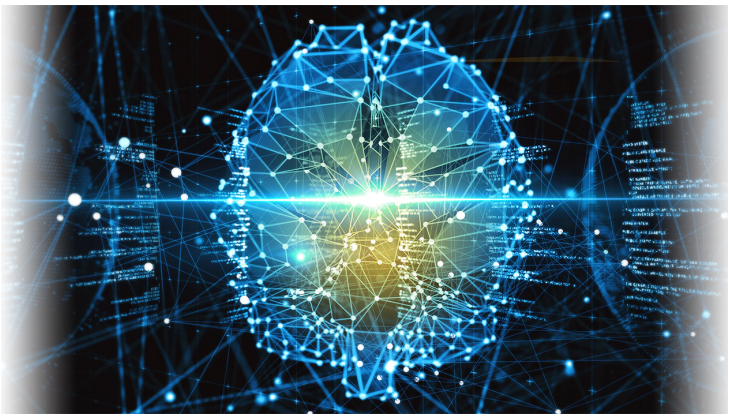

Kulicke & Soffa Industries has announced that it has engaged the Institute of Operations Research and Analytics (IORA), a research institute under the National University of Singapore (NUS) on a research collaboration intended to leverage artificial intelligence and deep learning to further enhance its global manufacturing and operational efficiencies into the long-term.

This research collaboration is one component to the Company's broader factory automation roadmap over the next three years. The goal of this factory automation investment is to further improve the productivity, efficiency and quality of Kulicke & Soffa's products and manufacturing capabilities.

Joyce Lim, Kulicke & Soffa's Senior Vice President of Global Operations and Supply Chain, said, "We are delighted to collaborate with IORA. Smart data analytics are setting a new standard for production enhancements and logistics efficiency through multi-dimensional aspect modelling."

Professor Teo Chung Piaw, Executive Director, IORA said, "This collaboration with K&S enables NUS researchers to apply our expertise in operations research and analytics in a real-world setting. It also offers a valuable and unique opportunity to make an impact to the Industry 4.0 revolution."

This research collaboration will focus on applying machine learning to detect anomalies and to predict process outcomes that further optimize manufacturing processes and supplier management.