

BIOGRAPHY

SMC Korea 2026



Name: Kirthi Rachakonda

Title/ Position: Global Product Manager

Company: Applied Materials

Kirthi Rachakonda has been a Global Product Manager at Applied Materials in the US since 2024, managing the product roadmap for molybdenum deposition solutions. In this role, she works closely with technology, engineering and customer teams to define product direction for molybdenum in advanced logic, focusing on enabling the next generation of contact scaling.

Prior to this, Kirthi worked at Applied Materials in Singapore. During her time there, she supported the core BEOL CuBS product portfolio and worked on the business plan for a key new product development initiative.

Kirthi holds a Master's degree in Materials Science and Engineering from University of California, Berkeley and a Bachelor's degree in Materials Science and Engineering from the National University of Singapore. She is passionate about translating leading edge materials innovation into clear product strategy and customer value.