Dr. Ramanathan Sugumaran currently works as a Manager, with Knowledge Based Solutions (KBS) at John Deere.

As Manager, he is responsible for defining and promoting the Strategic Innovation Roadmap for the company in Big Data and Analytics.

Before joining Deere, he served as Professor and Director of NASA-Iowa Space Grant Consortium at the University of Iowa.

Dr. Sugumaran has over 25 years of experience in the areas of Sensors, big data analytics, machine learning, and satellite image processing.

His accomplishments include more than 50 journal and conference articles, over 150 conference presentations, a book on Spatial Decision Support Systems (SDSS), and overseeing several master and PhD dissertations.