

Thus AM technology has definitely bolstered the functioning of supply chains. While researches are still underway, modifications have to be made to overcome certain voids present in the AM technology, which would be the key to completely integrating this particular technology with supply chains. Upon doing this, industries would reach the extent of being at most successful in achieving the fullest extent of customer excellence which, by far is the ultimate goal of any supply chain.

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Biographies

Krishnamoorthi Muthukumarasamy is a graduate student in Industrial and systems Engineering at University at Buffalo. With a Bachelor's in automobile engineering he has a work experience of three years in Mando Automotive India Pvt Ltd as senior engineer of strategic sourcing and purchasing. He successfully presented as a research paper titled Control of Braking force under Loaded and Empty conditions on Two-Wheeler in International conference on Aerospace, Mechanical, Automotive and Materials Engineering organized by World Academy of Science Engineering and Technology held at Singapore. He excelled in applying his skills and abilities, while serving the task force team for Global Enterprise Resource Planning (ORACLE G-ERP) implementation in Purchase and Inventory management modules at Mando.

Pratheep Balasubramanian is a graduate student in Industrial and Systems Engineering at University at Buffalo. He did his Bachelor's in Mechanical Engineering. He has done projects related to manufacturing and automobile engineering. He has a project related to developing an integrated system for automobiles in order to inflate the tires, to his name. Furthermore, he has interned at Sri Kaliswari Metal powders in the continuous improvement and manufacturing domain. In addition, he has done a project related to optimization of titanium machining. He has also done a six sigma based project at PineHill Fresh foods, focusing on utilizing the DMAIC methodology to reduce the inventory holding cost and to present an optimized logistic routing.

Mohamed Awwad is a Teaching Assistant Professor in the Department of Industrial and Systems Engineering at the University at Buffalo, The State University of New York, Buffalo, NY, USA. He received his Ph.D. and M.S. degrees in Industrial Engineering from the University of Central Florida, Orlando, FL, USA. Additionally, he holds M.S. and B.S. degrees in Mechanical Engineering from Cairo University, Egypt. Before his tenure with the University at Buffalo, Dr. Awwad held several teaching and research positions at the University of Missouri, Florida Polytechnic University, and the University of Central Florida. His research interests include applying operations research methods in the fields of logistics & supply chain, distribution center design, unconventional logistics systems design, healthcare and the military. He is a member of IISE, INFORMS and ASME.