

Ben Ruben Assistant Professor

Assistant Professor
Lean Manufacturing
Sustainable Manufacturing
Lean Six Sigma

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TITLE	CITED BY	YEAR
Assessment of environmental sustainability for promoting green materials and practices RB Ruben, SPN Balaji, K Pranav, J Jayasuryaa Materials Today: Proceedings		2020
Development of structural equation model for Lean Six Sigma system incorporated with sustainability considerations B Ruben R, S Vinodh, P Asokan International Journal of Lean Six Sigma	1	2020
Application of Total Interpretive Structural Modeling (TISM) Approach for Analysis of Barriers in Deploying Circular Supply Chains R Ben Ruben Indian Journal of Science and Technology 12 (23), 1-6		2019
Application of multi-grade fuzzy and ANFIS approaches for performance analysis of Lean Six Sigma system with sustainable considerations B Ruben R, S Vinodh, P Asokan Int. J. Services and Operations Management 33 (2), 239	1	2019
State of art perspectives of lean and sustainable manufacturing S Vinodh, P Asokan International Journal of Lean Six Sigma		2019
State of art perspectives of lean and sustainable manufacturing R Ben Ruben, S Vinodh, P Asokan International Journal of Lean Six Sigma 10 (1), 234-256	6	2019
Development of a Social Life Cycle Assessment framework for manufacturing organizations RB Ruben, P Menon, R Sreedharan IEEE Xplore		2019

TITLE	CITED BY	YEAR
Application of environmentally conscious manufacturing strategies for an automotive component JA RM Thirupathi, S.Vinodh, R.Ben Ruben International Journal of Sustainable Engineering, 1-19		2018
ISM and Fuzzy MICMAC application for analysis of Lean Six Sigma barriers with environmental considerations B Ruben R, S Vinodh, P Asokan International Journal of Lean Six Sigma 9 (1), 64-90	19	2018
Lean Six Sigma with environmental focus: review and framework RB Ruben, S Vinodh, P Asokan The International Journal of Advanced Manufacturing Technology 94 (9-12	42	2018
Implementation of Lean Six Sigma framework with environmental considerations in an Indian automotive component manufacturing firm: a case study R Ben Ruben, S Vinodh, P Asokan Production Planning & Control 28 (15), 1193-1211	44	2017
A Framework for Performance Evaluation of Pull Systems S Vinodh, RB Ruben, P Asokan Production Management, 103-120		2017
Environmental and Social Life Cycle Assessment of an Automotive Component AP Ben Ruben R., Vinodh S. International Conference on Manufacturing Technology and Simulation, IIT MADRAS		2017
Performance evaluation of lean sustainable systems using adaptive neuro fuzzy inference system: a case study S Ruben, R. B., Asokan, P., & Vinodh International Journal of Sustainable Engineering, 1-18	y 17 *	2017
Development of a Mathematical Model to Assess the Role of Lean Six Sigma Enablers with Environmental Considerations B Ruben, S Vinodh, P Asokan		2016
Application of Fuzzy TOPSIS approach for lean six sigma project selection enabling business excellence in automotive sector AP Ben Ruben R., Vinodh S. EBSCC 2016 Conference, IIT Kharagpur, India,12-14 February 2016		2016

TITLE	CITED BY	YEAR
Life cycle assessment integrated value stream mapping framework to ensure sustainable manufacturing: a case study PA S Vinodh, RB Ruben Clean Technologies and Environmental Policy 18 (1), 279-295	e 75	2016
Analysis of Barriers affecting Lean Implementation in a Heavy Engineering Industry AP Ben Ruben., Vinodh S. XIX Annual International Conference of the Society of Operations Management		2015
Application of ISM for analysis of barriers in an integrated lean sustainable manufacturing environment AP Ben Ruben., Vinodh S. International Conference on Industrial Engineering (ICIE-2015), Sardar		2015
Multi-grade fuzzy assessment of environmental sustainability AP Ben Ruben., Vinodh S. International Conference on Advances in Production and Industrial		2015
Lean Manufacturing: Recent Trends, Research & Development and Education Perspectives S Vinodh, RB Ruben Research Advances in Industrial Engineering, 1-16	3	2015
Implementation Study on Applying Lean Manufacturing Principles in the Manufacturing of Pressure Vessels in an Indian Company R Ben Ruben, SAP Narendran, PAS Syath Abuthakeer, PV Mohanram	3	2014
Implementation Study on Applying Agile Supply Chain Paradigm in the Manufacturing of a Conventional Automobile Horn in an Indian Company R Ben Ruben, AS Prasanth, R Ramesh, SAP Narendran		2013
A Review on Some Agile Project Management Techniques NMS T Senthilkumar, R Benruben, T Sakthirajan Proceedings of the 2012 International Conference on Industrial Engineering	2 *	2012