Dr. R. Ben Ruben,

Assistant Professor,

Department of Mechanical Engineering,

Sri Krishna College of Engineering and Technology,

Coimbatore- 641008.

Email : ben.ruben21@gmail.com

LAST FIVE YEARS PUBLICATION LIST :

PUBLICATION DETAILS	YEAR
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	2020
Assessment of environmental sustainability for promoting green materials and practices **RB Ruben**, SPN Balaji, K Pranav, J Jayasuryaa Materials Today: Proceedings	2020
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	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	2019
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
Development of a Social Life Cycle Assessment framework for	2019

manufacturing organizations **RB Ruben**, P Menon, R Sreedharan IEEE Xplore	
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	2018
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
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	2017
Performance evaluation of lean sustainable systems using adaptive neuro fuzzy inference system: a case study **R. Ben Ruben**, Asokan, P., & Vinodh International Journal of Sustainable Engineering, 1-18	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
Life cycle assessment integrated value stream mapping framework to ensure sustainable manufacturing: a case study	2016

PA S Vinodh, **RB Ruben** Clean Technologies and Environmental Policy 18 (1), 279-295	
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
Lean Manufacturing: Recent Trends, Research & Development and Education Perspectives S Vinodh, **RB Ruben** Research Advances in Industrial Engineering, 1-16	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 Vallabhbhai National Institute of Technology, November 26-28,2015	2015
Multi-grade fuzzy assessment of environmental sustainability AP **Ben Ruben**., Vinodh S. International Conference on Advances in Production and Industrial Engineering (INCAPIE-2015), National Institute of Technology, February 20-21, 2015	2015