DC Member from other university

DC Member 2: Dr.S.Vinodh

List of Publications for the last 5 years:

1. Sriram, R. M., and S. Vinodh. "Analysis of readiness factors for Industry 4.0 implementation in SMEs using COPRAS." *International Journal of Quality & Reliability Management* (2020).
2. Aadithya, B. G., P. Asokan, and S. Vinodh. "Application of interpretive structural modelling for analysis of lean adoption barriers in heavy industry." *International Journal of Lean Six Sigma* (2020).
3. Harikannan, N., S. Vinodh, and Anand Gurumurthy. "Sustainable industry 4.0–an exploratory study for uncovering the drivers for integration." *Journal of Modelling in Management* (2020).
4. Vimal, K. E. K., Vinodh, S., &Jayakrishna, K., 2019, Application of fuzzy QFD for improving the process sustainability characteristics: a case study. International Journal of Services and Operations Management, 32(2), 173-201.
5. Ben Ruben R., S. Vinodh, Asokan P., 2019, "State of art perspectives of lean and sustainable manufacturing", International Journal of Lean Six Sigma, Vol. 10 Issue: 1, pp.234-256
6. Bharathi, S. K., Vinodh, S., &Gopi, N., 2018, Development of software support for process FMEA: a case study. International Journal of Services and Operations Management, 31(4), 415-432.
7. Thirupathi, R. M., Vinodh, S., Ben Ruben, R., & Antony, J., 2018, Application of environmentally conscious manufacturing strategies for an automotive component. International Journal of Sustainable Engineering, 1-13.
8. KarthikBharathi, S, S.Vinodh, SriharshaDevarapu, GouthamSiddhamshetty, 2017, Application of Lean approach for reducing weld defects in a valve component: a case study, International Journal of Lean Six Sigma, 8 (2), 181-209.
9. KEK Vimal, S Vinodh., &Gurumurthy, A., 2017, Modelling and analysis of sustainable manufacturing system using a digraph-based approach. International Journal of Sustainable Engineering, 1-15.
10. Rohit Agrawal, P Asokan, S Vinodh, 2017, Benchmarking fuzzy logic and ANFIS approaches for leanness evaluation in an Indian SME: A case study, Benchmarking: An International Journal, 24 (4), 973-993.
11. Adarsh Kumar Singh, SekarVinodh, 2017, Modeling and performance evaluation of agility coupled with sustainability for business planning, Journal of Management Development, 36 (1), 109-128.
12. R Ben Ruben, P Asokan, S Vinodh, 2017, Performance evaluation of lean sustainable systems using adaptive neuro fuzzy inference system: a case study, International Journal of Sustainable Engineering, 10(13), 158-175.
13. VikasSwarnakar, S Vinodh, 2016, Deploying Lean Six Sigma framework in an automotive component manufacturing organization, International Journal of Lean Six Sigma, 7 (3), 267-293.

14. R Vidyadhar, R Sudeep Kumar, S Vinodh, Jiju Antony, 2016, Application of fuzzy logic for leanness assessment in SMEs: a case study, Journal of Engineering, Design and Technology, 14 (1), 78-103.
15. K Jayakrishna, S Vinodh, S Anish, 2016, A Graph Theory approach to measure the performance of sustainability enablers in a manufacturing organization, International Journal of Sustainable Engineering, 9 (1), 47-58.
16. Kumbhar Mahesh Suresh, P Asokan, S Vinodh, 2016, Application of design for Six Sigma methodology to an automotive component, International Journal of Six Sigma and Competitive Advantage, 10(1), 1-23 .