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Publication Details

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List of last 5 years publications:

1. Manjunatheshwara, K. J., & **Vinodh, S**., 2018, Grey-based decision-making method for sustainable material selection of tablet device enclosure. Clean Technologies and Environmental Policy, 20(10), 2345-2356.
2. Ruben, R. B., **Vinodh, S.,** & Asokan, P., 2018, Lean Six Sigma with environmental focus: review and framework. The International Journal of Advanced Manufacturing Technology, 94(9-12), 4023-4037.
3. Manjunatheshwara, K. J., & **Vinodh, S.,** 2018, Application of TISM and MICMAC for analysis of influential factors of sustainable development of tablet devices: a case study. International Journal of Sustainable Engineering, 11(5), 353-364.
4. Anand, M. B., & **Vinodh, S.,** 2018, Application of fuzzy AHP-TOPSIS for ranking additive manufacturing processes for microfabrication. Rapid Prototyping Journal, 24(2), 424-435.
5. Ben Ruben, R., **Vinodh, S.,** & Asokan, P., 2018, ISM and Fuzzy MICMAC application for analysis of Lean Six Sigma barriers with environmental considerations. International Journal of Lean Six Sigma, 9(1), 64-90.
6. Muruganantham, G., **Vinodh, S.,** Arun, C. S., & Ramesh, K., 2018, Application of interpretive structural modelling for analysing barriers to total quality management practices implementation in the automotive sector. Total Quality Management & Business Excellence, 29(5-6), 524-545.
7. R. Ben Ruben, **S.Vinodh,** P.Asokan, 2017, Implementation of Lean Six Sigma framework with environmental considerations in an Indian automotive component manufacturing firm: a case study, Production Planning & Control, 28 (15), 1193-1211.
8. C.Vasanthakumar, **S.Vinodh,** A.W. Vishal, 2017, Application of analytical network process for analysis of product design characteristics of lean remanufacturing system: a case study, Clean Technologies and Environmental Policy, 19 (4), 971-990.
9. **S.Vinodh**, K.J. Manjunatheshwara, S.Karthik Sundaram, Vishwesh Kirthivasan, 2017, Application of fuzzy quality function deployment for sustainable design of consumer electronics products: a case study, Clean Technologies and Environmental Policy, 19(4), 1021-1030.

10. **S Vinodh**, R Ben Ruben, P Asokan, 2016, Life cycle assessment integrated value stream mapping framework to ensure sustainable manufacturing: a case study, Clean Technologies and Environmental Policy, 18 (1),279-295.

11. **S Vinodh,** K Ramesh, C.S. Arun,2016 Application of interpretive structural modelling for analysing the factors influencing integrated lean sustainable system, Clean Technologies and Environmental Policy, 18 (2), 413-428.

12. **S Vinodh,** TS Sai Balagi, Adithya Patil, 2016, A hybrid MCDM approach for agile concept selection using fuzzy DEMATEL, fuzzy ANP and fuzzy TOPSIS, International Journal of Advanced Manufacturing Technology, 83 (9-12), 1979-1987.

13. RM Thirupathi, **S Vinodh**, 2016, Application of interpretive structural modelling and structural equation modelling for analysis of sustainable manufacturing factors in Indian automotive component sector, International Journal of Production Research, 54 (22), 6661-6682

14. C Vasanthakumar, **S Vinodh,** K Ramesh, 2016, Application of interpretive structural modelling for analysis of factors influencing lean remanufacturing practices, International Journal of Production Research, 54 (24), 7439-7452.

15. KEK Vimal**, S Vinodh,** A Raja, 2015, Modelling, assessment and deployment of strategies for ensuring sustainable shielded metal arc welding process–a case study, Journal of Cleaner Production, 93, 364-377.

16. Sonu Rajak, **S Vinodh,** 2015, Application of fuzzy logic for social sustainability performance evaluation: a case study of an Indian automotive component manufacturing organization, Journal of Cleaner Production, 108, 1184-1192.