

REFERENCES

- Abhiram, P, Asadi, SS & Prasad, AVS 2016, 'Implementation of Lean Methodology in Indian Construction', *International Journal of Civil Engineering and Technology*, vol. 7, no. 6, pp. 641-649
- Ahuja, IPS & Khamba, JS 2008a, 'Total productive maintenance implementation in a manufacturing organisation', *International Journal of Productivity and Quality Management*, vol. 3, no. 3, pp. 360-381
- Ahuja, IPS & Khamba, JS 2008b, 'Total productive maintenance: Literature review and directions', *International Journal of Quality & Reliability Management*, vol. 25, no. 7, pp. 709-756
- Ajay Johnson, Syamjith Prasad & Ashok Kumar Sharma 2017, 'Manufacturing lead time reduction in a scaffold making industry using lean manufacturing techniques - A case study', *International Journal of Mechanical Engineering and Technology*, vol. 8, no. 2, pp. 137-148
- Alexandra Tenera & Luis Carneiro Pinto 2014, 'A Lean Six Sigma (LSS) project management improvement model', *Procedia - Social and Behavioral Sciences*, vol. 119, pp. 912-920
- Al Mannai, B, Suliman, S & Al Alawai, Y 2016, 'TQM Implementation Effect on Bahrain Industrial Performance', *International Journal of Industrial Engineering Research and Development*, vol. 7, no. 2, pp. 75-81

- Al Mannai, B, Suliman, S & Al Alawai, Y 2017, 'An Investigation into the Effects of the Application of TQM, TPM and JIT on Performance of Industry in Bahrain', *International Journal of Industrial Engineering Research and Development*, vol. 8, no. 1, pp. 09-19
-
- Amir Azizi & Thulasi Manoharan 2015, 'Designing a Future Value Stream Mapping to Reduce Lead Time using SMED - A Case Study', *Procedia Manufacturing*, vol. 2, pp. 153-158
-
- Andres-Lopez, E, Gonzalez-Requena, I & Sanz-Lobera, A 2015, 'Lean Service: Reassessment of Lean Manufacturing for Service Activities', *Procedia Engineering*, vol. 132, pp. 23-30
-
- Anna Dorota Rymaszewska 2014, 'The challenges of lean manufacturing implementation in SMEs', *Benchmarking: An International Journal*, vol. 21, no.6, pp. 987-1002
-
- Arvind Kumar Shrimali & Soni, VK 2017, 'Barriers to lean implementation in small and medium-sized Indian enterprises', *International Journal of Mechanical Engineering and Technology*, vol. 8, no. 6, pp. 01-09
-
- Bhalwankar, M & Mastud, S 2014, 'Applying value stream mapping for improvements in automotive seat manufacturing processes', *International Journal of Mechanical Engineering and Robotics Research*, vol. 3, no. 4, pp. 164-177
-
- Diego Fernando & Leonardo Rivera 2007, 'Lean Manufacturing Measurement: The Relationship Between Lean Activities And Lean Metrics', *Estudios Gerenciales*, vol. 23, no. 105, pp. 69-83
-

- Erwin Rauch, Patrick Dallasega & Dominik, TM 2015, 'Axiomatic Design based Guidelines for the Design of a Lean Product Development Process', *Procedia CIRP*, vol. 34, pp. 112-118
- Gnanavelbabu, A, Arunagiri, P, Bharathiraja, G, Jayakumar, V & Velmurugan, V 2017, 'Reduction of operator's loading and unloading time using lean systems for productivity improvement', *International Journal of Mechanical Engineering and Technology*, vol. 8, no. 10, pp. 207-216
-
- Jafri Mohd Rohani & Seyed Mojib Zahraee 2015, 'Production line analysis via value stream mapping: a lean manufacturing process of color industry', *Procedia Manufacturing*, vol. 2, pp.06-10
-
- Kogel & Jauergui Becker, JM 2016, 'Development of Design Support Tool for New Lean Production Systems', *Procedia CIRP*, vol. 41, pp. 596-601
-
- Melesse Workneh Wakjira & Ajit pal Singh 2012, 'Total productive maintenance: A case study in manufacturing industry', *Global Journal of Researches in Engineering*, vol. 12, no. 1, pp. 24-32
-
- Minh-Nhat Nguyen & Ngoc-Hien Do 2016, 'Re-engineering Assembly line with Lean Techniques', *Procedia CIRP*, vol. 40, pp. 590-595
-
- Nallusamy, S & AdilAhamed, MA 2017, 'Implementation of lean tools in an automotive industry for productivity enhancement-A case study', *International Journal of Engineering Research in Africa*, vol. 29, pp. 175-185
-
- Nallusamy, S & Gautam Majumdar 2017, 'Enhancement of overall equipment effectiveness using total productive maintenance in a manufacturing industry', *International Journal of Performability Engineering*, vol. 13, no. 2, pp. 01-16

-
- Nallusamy, S & Saravanan, V 2016a, 'Enhancement of overall output in a small scale industry through VSM, line balancing and work standardization', *International Journal of Engineering Research in Africa*, vol. 26, pp. 176-183
-
- Nallusamy, S & Saravanan, V 2016b, 'Lean tools execution in a small scale manufacturing industry for productivity improvement- A case study', *Indian Journal of Science and Technology*, vol. 9, no. 35, pp. 01-07
-
- Nallusamy, S 2015, 'Lean manufacturing implementation in a gear shaft manufacturing company using value stream mapping', *International Journal of Engineering Research in Africa*, vol. 21, pp. 231-237
-
- Nallusamy, S 2016a, 'A proposed model for lead time reduction during maintenance of public passenger transport vehicles', *International Journal of Engineering Research in Africa*, vol. 23, pp. 174-180
-
- Nallusamy, S 2016b, 'A proposed model for sustaining quality assurance using TQM practices in small and medium scale industries', *International Journal of Engineering Research in Africa*, vol. 22, pp. 184-190
-
- Nallusamy, S 2016c, 'Characterization of epoxy composites with TiO₂ additives and E-glass fibers as reinforcement agent', *Journal of Nano Research*, vol. 40, pp. 99-104
-
- Nallusamy, S 2016d, 'Efficiency enhancement in CNC industry using value stream mapping, work standardization and line balancing', *International Journal of Performability Engineering*, vol. 12, no. 5, pp.413-422
-

- Nallusamy, S 2016e, 'Enhancement of productivity and efficiency of CNC machines in a small scale industry using total productive maintenance', *International Journal of Engineering Research in Africa*, vol. 25, pp. 119-126
-
- Nallusamy, S 2016f, 'Frequency analysis of lean manufacturing system by different critical issues in Indian automotive industries', *International Journal of Engineering Research in Africa*, vol. 23, pp. 181-187
-
- Nallusamy, S 2016g, 'Overall performance improvement of a small scale venture using critical key performance indicators', *International Journal of Engineering Research in Africa*, vol. 27, pp. 158-166
-
- Nallusamy, S 2016h, 'Productivity enhancement in a small scale manufacturing unit through proposed line balancing and cellular layout', *International Journal of Performability Engineering*, vol. 12, no. 6, pp. 523-534
-
- Nallusamy, S, Dinagaraj, GB, Balakannan, K & Satheesh, S 2015a, 'Sustainable green lean manufacturing practices in small scale industries-A case study', *International Journal of Applied Engineering Research*, vol. 10, no. 62, pp. 143-146
-
- Nallusamy, S, Balaji, R & Sundar, S 2017, 'Proposed model for inventory review policy through ABC analysis in an automotive manufacturing industry', *International Journal of Engineering Research in Africa*, vol. 29, pp. 165-174
-
- Nallusamy, S, Muhammad Umarmukdhar, AM & Suganthini Rekha, R 2015b, 'A proposed supply chain model for productivity enhancement in medium scale foundry industries', *International Journal of Engineering Research in Africa*, vol. 20, pp. 248-258
-

- Nallusamy, S, Satheesh, S, Chakraborty, PS & Balakannan, K 2015c, 'A review on supplier selection problem in regular area of application', *International Journal of Applied Engineering Research*, vol. 10, no. 62, pp. 128-132
-
- Nallusamy, S, Sri Lakshmana Kumar, D, Balakannan, K & Chakraborty, PS 2015d, 'MCDM tools application for selection of suppliers in manufacturing industries using AHP, Fuzzy Logic and ANN', *International Journal of Engineering Research in Africa*, vol. 19, pp. 130-137
-
- Neha, S, Singh, MG & Simran, K 2013, 'Lean manufacturing tool and techniques in process industry', *International Journal of Scientific Research and Reviews*, vol. 2, no. 1, pp. 54-63
-
- Nguyen Thi Lam, Le Minh Toi, Vu Thi Thanh Tuyen & Do Ngoc Hien 2016, 'Lean line balancing for an electronics assembly line', *Procedia CIRP*, vol. 40, pp. 437-442
-
- Nikunj, SP & Chetan, UP 2015, 'Study and implementation of lean manufacturing tool-5S', *Journal of Technical Research Organization India*, vol. 1, no.4, pp. 54-59
-
- Nor Azian Abdul Rahman, Sariwati Mohd Sharif & Mashitah Mohamed Esa 2013, 'Lean manufacturing case study with kanban system implementation', *Procedia Economics and Finance*, vol. 7, pp. 174-180
-
- Oberhausen, C & Plapper, P 2015, 'Value stream management in the lean manufacturing laboratory', *Procedia CIRP*, vol. 32, pp. 144-149
-
- Rabiha Asnan, Norani Nordin & SitiNorezam Othman 2015, 'Managing Change on Lean Implementation in Service Sector', *Procedia - Social and Behavioral Sciences*, vol. 211, pp. 313-319

-
- Rahani, AR & Muhammad al-Ashraf 2012, 'Production Flow Analysis through Value Stream Mapping: A Lean Manufacturing Process Case Study', *Procedia Engineering*, vol. 41, pp. 1727-1734
-
- Rajenthirakumar, D, Caxton, RJ, Sivagurunathan, S & Balasuadhakar, A 2015, 'Value stream mapping and work standardization as tools for lean manufacturing implementation: A case study of an Indian manufacturing industry', *International Journal of Engineering Science and Innovative Technology*, vol. 4. no. 3, pp. 156-163
-
- Ratheesh 2015, 'Standardization of work in a manufacturing industry', *International Research Journal of Engineering and Technology*, vol. 2, no. 8, pp. 2395-2412
-
- Rohac, T & Januska, M 2015, 'Value stream mapping demonstration on real case study', *Procedia Engineering*, vol. 100, pp. 520-529
-
- Schnellbacha, P & Reinharta, G 2015, 'Evaluating the Effects of Energy Productivity Measures on Lean Production Key Performance Indicators', *Procedia CIRP*, vol. 26, pp. 492-497
-
- Shahryar, S & Tan Ai Fen 2017, 'Applicability of manufacturing lean tools in service operations', *International Journal of Mechanical Engineering and Technology*, vol. 8, no. 7, pp. 53-60
-
- Sheth, PP, Deshpande, VA & Kardani, HR 2014, 'Value stream mapping: A case study of automotive industry', *International Journal of Research in Engineering and Technology*, vol. 3, no. 1, pp. 310-314
-

- **LIST OF PUBLICATIONS**

- Ramakrishnan, V & Nallusamy, S 2017, 'Optimization of Production Process and Machining Time in CNC Cell through the Execution of Different Lean Tools', *International Journal of Applied Engineering Research*, vol. 12, no. 23 pp. 13295-13302 **(Scopus Indexed)**
 -
- Ramakrishnan, V & Nallusamy, S 2017, 'Implementation of Total Productive Maintenance Lean Tool to Reduce Lead Time - A Case Study', *International Journal of Mechanical Engineering and Technology*, vol.8, no.12, pp. 295-306 **(Scopus Indexed)**
 -
- Ramakrishnan, V, Nallusamy, S & Rajaram Narayanan, M 2018, 'Study on Lean Tools Implementation in Various Indian Small and Medium Scale Manufacturing Industries', *International Journal of Mechanical and Production Engineering Research and Development*, vol. 8, no. 1, pp. 969-976 **(Scopus Indexed)**
 -
- Ramakrishnan, V & Jayaprakash, J 2015, 'Application of Lean Six Sigma tools for reduction of defects in Pump Manufacturing', *Applied Mechanics and Materials*, vol. 813-814, pp. 1140-1149
 -
 -
 -