

## List of Publications

- Prasad, V., Joseph, M.A., Sekar, K., Investigation of mechanical, thermal and water absorption properties of flax fibre reinforced epoxy composite with nano TiO<sub>2</sub> addition, Composites: Part A (2018), Composites Part A: Applied Science and Manufacturing, 11, 2018, 360-370
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- K. Kalaiselvan, A. Elango, N.M. Nagarajan, K. Sekar: Weldability of Ti/Al Dissimilar Sheet Metal Joints Using Nd:YAG Pulsed Laser, International Journal of Materials Vol.4,2017, pp.31-35.
- K.Sekar, N.Krishna Kumar, P.Vasanthakumar: Centrifugal Pump as Turbine: Experimental Report, International Journal of ChemTech Research (USA) Vol.10, (14), 2017, pp 276-280.
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- Dheeraj Tripathi, K. Joseph Babu, K. Prabhakaran Nair, K. Sekar : Chemical Modification of Palm Oil for low temperature applications and study on its Tribological Properties, Journal of Advanced Engineering Research, Vol.4(2),2017, pp.109-113.
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- Prasad N K, Sekar K and Srirekha G: Quality Management Approach on Reducing the Trainer Turnover Ratio in the Indian Training Institute - A Case Study, International Conference 'Strategies in Volatile and Uncertain Environment for Emerging Markets, Indian Institute of Technology, IIT Delhi, 2017, pp. 265-270.
- N.Karuppanna Prasad, K. Sekar, H.Kaleli and G. Srirekha: Improvement on Lean Performance Metrics in an Indian Cluster Manufacturing Organization-A Case Study. 4th International Conference on Business Analytics and Intelligence 2016 (ICBAI-2016)2016), Indian Institute of Science, IISc Bangalore, India, Dec-2016, pp. 255-265.
- Sekar. K Manohar M.Jayakumar. K: Investigation of mechanical and tribological properties of A356 alloy with nano SiCp micro particle hybrid composites through stir and squeeze casting, Journal of Advanced Engineering Research Vol. 3(2), 2016, pp.89-92.
- Prasad N.K. Sekar. K Manohar M.: Scope and applicability on enabling green and resiliency with supply chain management, International Conference on E-Business and supply chain competitiveness (EBSCC-2016), IIT Kharagpur, India, 2016, pp. 01-12.
- Karuppanna Prasad N and Sekar K: Optimal Alternative Selection Using Moora In Industrial Sector – A Review, International Journal of Fuzzy Logic Systems (IJFLS), Vol. 6 (2), 2016, pp. 1-21.

- Sekar. K Manohar M.Jayakumar. K: Investigation of mechanical and tribological properties of A356 alloy with nano SiCp micro particle hybrid composites through stir and squeeze casting method , National Conference on Processing and Characterization of Advanced Engineering Materials (NCPCAEM-2016), SSN, Chennai, India, 2016, pp. 43-44.
- Karuppanna Prasad N and Sekar K: Selection of best alternative in manufacturing and service sector using multi grade decision approach-A Review, Computer Science & Information Technology, 2016, pp. 57- 74.
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- Karuppanna Prasad N, Sekar K, and Karupphasamy R: A Review on Organization practise of Conventional Design of Experiment (DOE) with DMAIC, 8th Global Conference on Evolving Trends in Business Models & Markets, Nehru Institute of Technology, Coimbatore, 2017, pp. 265-270.
- Vishnu Prasad, M.A Joseph, K. Sekar, Mubarak Ali: Recent Developments in Fiber Reinforced Polylactic Acid (PLA) Based fully Biodegradable Composites and its Performance, International Conference on Recent Advances in Composite Materials, ICRACM-KL University, Vijayawada, 2017, pp. 265-270.
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- Sekar, K., Manohar, M. and Jayakumar, K. (2018) *Metallurgy - Advances in Materials and Processes*. Springer Singapore, 2018
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- Sekar K: International Conference on Futuristic Trends In Materials and Manufacturing at Delhi Technical Campus during 26-27 October, 2018.
- Sekar K: International Conference on “Recent Advances in Materials & Manufacturing Technologies” (ICRAMMT-2018) at Marri Laxman Reddy Institute of Technology and Management, Hyderabad during 19-20 November, 2018.
- Sekar K: International Conference on Sustainable Waste Management at Acharya Nagarjuna University, Guntur, AP, India during November 22-24, 2018.
- K. Kalaiselvan, A. Elango, N. M. Nagarajan, K. Sekar: Before and after heat treatment on weldment of Ti/Al laser beam dissimilar joints, Journal of Machining and Forming Technologies, 9(1-2) 2018.