LIST OF PUBLICATION DETAILS (2015 TO 2020)

1. **Selvarajan, L**., C. Sathiya Narayanan, and R. JeyaPaul. "Optimization of EDM parameters on machining Si3N4–TiN composite for improving circularity, cylindricity, and perpendicularity." *Materials and Manufacturing Processes* 31, no. 4 (2016): 405-412.

2. **Selvarajan, L**., C. Sathiya Narayanan, and R. Jeyapaul. "Optimization of process parameters to improve form and orientation tolerances in EDM of MoSi2-SiC composites."*Materials and Manufacturing Processes* 30, no. 8 (2015): 954-960.

3. **Selvarajan, L**., C. Sathiya Narayanan, R. Jeyapaul, and M. Manohar. "Optimization of EDM process parameters in machining Si3N4–TiN conductive ceramic composites to improve form and orientation tolerances." *Measurement* 92 (2016): 114-129.

4. **Selvarajan, L**., M. Manohar, and P. Dhinakaran. "Modelling and experimental investigation of process parameters in EDM of Si 3 N 4-TiN composites using GRA-RSM." *Journal of Mechanical Science and Technology* 31, no. 1 (2017): 111-122.

5. **Selvarajan, L.**, C. Sathiya Narayanan, and R. Jeyapaul. "Optimization of EDM Hole Drilling Parameters in Machining of MoSi 2-SiC Intermetallic/Composites for Improving Geometrical Tolerances." *Journal of Advanced Manufacturing Systems* 14, no. 04 (2015): 259-272.

6. **Selvarajan, L.,** J. Rajavel, V. Prabakaran, B. Sivakumar, and G. Jeeva. "A review paper on EDM parameter of composite material and industrial demand material machining." *Materials Today: Proceedings* 5, no. 2 (2018): 5506-5513.

7. **Selvarajan, L**., M. Manohar, J. Amos Robert Jayachandran, P. Mouri, and P. Selvakumar. "A review on less tool wear rate and improving surface quality of conductive ceramic composites by spark EDM." *Materials Today: Proceedings* 5, no. 2 (2018): 5774-5782.

8. **Selvarajan, L**., P. Mouri, and R. Ramesh Raja. "Experimental investigation of edm parameters on machining Si3N4-TiN conductive ceramic composite using hallow tube electrode for improving geometrical accuracy." *Materials Today: Proceedings* 5, no. 2 (2018): 8080-8088.

9. **Selvarajan, L**., D. Katherasan, B. Srivijai, R. Rajavel, and M. Ramamoorthi. "Experimental Analysis of EN 19 Alloy Material on EDM for Improving Geometrical Errors Using Copper Pentagon Shaped Electrode." *Materials Today: Proceedings* 5, no. 2 (2018): 4508-4514.

10. Srinivasan, V. P., P. K. Palani, and **L. Selvarajan.** "Experimental investigation on electrical discharge machining of ceramic composites (Si3N4-TiN) using RSM."

International Journal of Computational Materials Science and Surface Engineering 7, no. 2 (2018): 104-115.

11. **Selvarajan, L.**, R. Rajavel, P Gopi, M Gokulkumar and N Kasthuri. "Investigation on EDM of SS316 Alloy material using copper electrode for improving MRR and TWR" *Journal of manufacturing Engineering*, vol.13, pp.142-147,2018.

12. **Selvarajan, L**., K Anbarasan, R Kumaresh Alagu Ram, S Lakshmikandhan, L K Nantha Kumar and N Kasthuri. "Experimental Investigation on EDM for SS307 material to improve geometrical error using 3D shaped copper electrode" *Advanced materials manufacturing & characterization*, vol. 8, (2018).