

**ANNA UNIVERSITY DC MEMBER1: Dr.P.Prathap**

**Last Five years Publications**

1. Karthick, P. Arun, S. Ram Kumar, P. Prathap, K. Ragul, and K. S. Raghul. "Optimization of reaming parameters to improve surface roughness of En1A leaded material with the approach of particle swarm optimization." *Materials Today: Proceedings* (2020).
2. Babu, B. Suresh, P. Prathap, T. Balaji, D. Gowtham, SD Sree Adi, R. Divakar, and Sanjeev Ravichandran. "Studies on mechanical properties of aluminum based hybrid metal matrix composites." *Materials Today: Proceedings* 33 (2020): 1144-1148.
3. Srinivasan, R., P. Prathap, Asrith Raj, S. Aswinth Kannan, and V. Deepak. "Influence of fused deposition modeling process parameters on the mechanical properties of PETG parts." *Materials Today: Proceedings* (2020).
4. Rajeswaran, M., P. Prathap, S. Kannan, and S. Naveenkumar. "Evaluation of tensile and flexural properties of foundry slag reinforced particulate polymer composite." *Materials Today: Proceedings* (2020).
5. Jayanth, B. Venkat, P. Prathap, P. Sivaraman, S. Yogesh, and S. Madhu. "Implementation of lean manufacturing in electronics industry." *Materials Today: Proceedings* (2020).
6. Prathap, P., S. Madhu, V. Jayakumar, and N. Tamil Selvam. "Environmental impact reduction in a pump sub assembly using alternate material." *Materials Today: Proceedings* 22 (2020): 806-810.
7. Venkataramanan, Ponnusamy, Paulraj Prathap, Palanisamy Sivaprakash, and Kanchana Sivaprakash. "Fire safety in textile industries-A Review." *Industria Textila* 70, no. 6 (2019): 523-526.
8. Potom, Binduk, S. Madhu, S. Kannan, and P. Prathap. "Performance Analysis of Abrasive Water Jet Cutting Process in Carbon Fiber Epoxy Polymer Composite." In *IOP Conference Series: Materials Science and Engineering*, vol. 574, no. 1, p. 012014. IOP Publishing, 2019.
9. Prathap, P., K. Mujiburrahman, Praveen Muthukrishnan, S. Sreemaan, U. Amrit Sai, and S. Neela Kannan. "Novel Approach of Implementing Effortless Manoeuvrability in Vehicle for Physically Challenged." *International Journal of Vehicle Structures & Systems* 10, no. 5 (2018): 313-317.
10. Devaneyan, S. Pradeep, R. Ganesh, and P. Prathap. "BEHAVIOUR OF HYBRID POLYMER COMPOSITE REINFORCED WITH SUPERELASTIC SHAPE MEMORY ALLOY AND KEVLAR." (2006).