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PRINCIPAL RESEARCH OF INTEREST

- Welding
- Material behaviors
- Manufacturing Technology

Publications:

1. Paranthaman, V., V. Dhinakaran, M. Swapna Sai, and A. Devaraju. "A systematic review of fatigue behaviour of laser welding titanium alloys." *Materials Today: Proceedings* (2020).
2. Paranthaman, V., V. Dhinakaran, and M. Varsha Shree. "Optimization of CO2 welding process on dissimilar metals." *Materials Today: Proceedings* (2020).
3. Paranthaman, V., K. Shanmuga Sundaram, and A. Vinoth Jebaraj. "Analysis of structure property relationship of super duplex stainless steel AISI 2507 weldments for severe corrosive environments." *Materials Research Express* 5, no. 9 (2018): 096527.
4. Paranthaman, Venkatesan, and K. Shanmuga Sundaram. "Assessment of Dissimilar Weld Between Duplex Stainless Steel Grades for Severe Corrosive Applications." In *ASME International Mechanical Engineering Congress and Exposition*, vol. 58356, p. V002T02A090. American Society of Mechanical Engineers, 2017.