

DC MEMBER DETAILS – 3 (Anna University)

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Area of Specialization	Metal joining technology, Corrosion analysis

List of Publication (Last 5 years):

1. **V Paranthaman**, V Dhinakaran, MS Sai, A Devaraju 2020. “A systematic review of fatigue behaviour of laser welding titanium alloys” Materials Today: Proceedings, Elsevier 2020. DOI: <https://doi.org/10.1016/j.matpr.2020.08.249>
2. **V Paranthaman**, V Dhinakaran, MV Shree 2020. “Optimization of CO2 welding process on dissimilar metals” Materials Today: Proceedings, Elsevier 2020. DOI: <https://doi.org/10.1016/j.matpr.2020.07.694>
3. **Paranthaman, V**, ShanmugaSundaram, K & VinothJebaraj, V 2018. ‘Analysis of structure property relationship of super duplex stainless steel AISI 2507 weldments for severe corrosive environments’, Materials Research Express, vol. 5, no. 9, p. 096527
4. **Paranthaman, V & ShanmugaSundaram, K** 2017, ‘Assessment of Dissimilar Weld between Duplex Stainless Steel Grades for Severe Corrosive Applications’, In ASME 2017 International Mechanical Engineering Congress and Exposition, American Society of Mechanical Engineers (**ASME**), pp. V002T02A090-V002T02A090.
5. **Paranthaman, V & ShanmugaSundaram, K** 2016, ‘Microstructure and mechanical properties for dissimilar welded Joint of super duplex stainless steel and duplex stainless steel’, presented in International level conference on International Conference on Materials, Design and Manufacturing Process, organized by Anna University, India from 17-Feb-2016 to 19-Feb-2016.