

### DC MEMBER DETAILS – 1 (Anna University)

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Area of Specialization	Friction welding, Machining of Composites

#### **List of Publication ( Last 5 years):**

1. **D. Ananthapadmanaban**, K. Geethan Fracture Behavior of Solid-State Welded Joints  
DOI: 10.5772/intechopen. Intechopen open access books 90908 January 2020
2. E. Ravikumar, N. Arunkumar, **D. Ananthapadmanaban**, V. Prabhakaran Corrosion  
Studies on Friction–Welded Aluminium Alloy AA6061-T6 to Copper with Nickel Interlayer,  
DOI:10.1007/978-981-13-1780-4\_28 Advances in Materials and Metallurgy 2019
3. **D. Ananthapadmanaban**, Mechanisms of friction and their correlation to bond strength of  
friction welded Ti-6Al-4V similar welds, Low Carbon steel-Stainless steel and Aluminium-  
Copper dissimilar welds. International Journal of Innovations in Engineering and  
Technology, Volume 9, Issue 3, February, 2018
4. E. Ravikumar, N. Arunkumar, **D. Ananthapadmanaban**, Corrosion studies on friction  
welded Aluminium 6061 and Copper with Nickel interlayer, Volume 24, No 12, December  
2016 Trans Sylvanian Reviews, pp 3340-3353
5. R. Satish, V. Seshagiri Rao, **D. Ananthapadmanaban**, Tensile Strength and hardness  
correlations with Microscopy of friction welded Aluminium to Copper, Journal of Institution  
of Engineers, by Institute of Engineers Journal, Series C, January 2016, Volume  
97, Issue 1, pp 121–126
6. M. Selvaraj, **D. Ananthapadmanaban**, M. Nalla Mohamed, Effect and contribution of  
weld parameters on peak temperature during friction stir welding, Applied Mechanics  
and Materials, Volume 852, pp 267-272., October 2016
7. M. Nalla Mohammed, **D. Ananthapadmanaban**, M. Selvaraj, Numerical modeling of energy  
absorption behavior of Aluminium foam cored sandwich panels with different fibre  
reinforced polymer composite facesheet skins, Applied Mechanics and Materials, Volume  
852, pp 66-71., October 2016