

Panel Member from Affiliated College/Institution		
Sl no	Name with full address	Area of specialization
1	Name : Dr. D. Ananthapadmanaban Designation : Associate Professor Department : Mechanical Engineering Address : SSN college of Engineering and Technology, Chennai, Tamil Nadu 603110 Mobile : 9940050472 E-mail : ananthapadmanaban@ssn.edu.in	Friction Welding, Forming

LIST OF PUBLICATIONS FOR LAST 5 YEARS	
1	E.Ravikumar, N.Arunkumar, <b>D.Ananthapadmanaban</b> , A Comparative study of friction welded Aluminium to Copper with and without Nickel Interlayer, Indo-American Journal of Mechanical Engineering, ,Volume 1, September,2013, pp1-8
2	R.Satish,V.Seshagiri Rao, <b>D.Ananthapadmanaban</b> ,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, <a href="#">Issue 1</a> , pp 121–126
3	<b>D.Ananthapadmanaban</b> ,The Art of Communication; Secret to success in Professional and Personal Life-Journal of Indian Society of Technical Education,Volume 36,No 3September 2013
4	Analysis of Mechanical properties of Copper to AluminumAA6061-T6 joined by friction welding,E.Ravikumar, N.Arunkumar, <b>D.Ananthapadmanaban</b> , International Journal of Applied Engineering Research,Vol. 9 No.26 (2014) pp. 8925-8928
5	Analytical Study of General Failure in Prominent Components Balaji V.R, Amitesh Jain,A.Kirthivasan , <b>D.Ananthapadmanaban</b> ,International Journal of MultiDisciplinary Educational Research,Volume 3,Issue 9,September 2014
6	Cyril Mathew,B.Ramesh, <b>D.Ananthapadmanaban</b> ,Arvind Ananthan,Friction welding of similar 4140 steels-International Journal of Applied Engineering and Research,Vol 10, No 68,Special issue,pp530-533,2015
7	M.Selvaraj, <b>D.Ananthapadmanaban</b> ,M.Nalla Mohamed, Effect and contribution of weld parameters on peak temperature during friction stir welding, Applied Mechanics and Materials,Volume 852,pp267-272.,October 2016

8	M.Nalla Mohammed, <b>D.Ananthapadmanaban</b> , 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, pp66-71., October 2016.
9	E.Ravikumar, N.Arunkumar, <b>D.Ananthapadmanaban</b> , Corrosion studies on friction welded Aluminium 6061 and Copper with Nickel interlayer, Volume 24, No 12, December 2016 Trans Sylvanian Reviews, pp 3340-3353
10	Deepak Mani, <b>D.Ananthapadmanaban</b> , Welding Mechanisms during friction welding of Aluminium with Steel, Journal of Chemical and Pharmaceutical Science, Special issue 2017.
11	Srimurugan.R, Vijay Ramnath, <b>D.Ananthapadmanaban</b> , Ramanan, Glass Fibre reinforced polycarbonate for Automobile Chassis application, Journal of Chemical and Pharmaceutical Sciences, pp22-26, Special issue, 2017
12	<b>D.Ananthapadmanaban</b> , 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
13	<b>D.Ananthapadmanaban</b> , Some recent methods of providing environmental education, The Indian Journal of Technical Education, Volume 41, No 1, January-March 2018, pp 81-85
14	Arthur Jebastian, <b>D.Ananthapadmanaban</b> , Feasibility of the use of zirconia based nanocoolant for machining, International Journal of Innovations in Engineering and Technology Volume 10, Issue 4, July, 2018
15	E.Ravikumar a *, N..Arunkumar b , <b>D.Ananthapadmanaban</b> , Corrosion studies on friction welded aluminium alloy aa6061-t6 to copper with nickel interlayer, Springer Lecture Series in Mechanical Engineering, September, 2018
16	D.Arthur Jebastine Sunderraj , <b>D.Ananthapadmanaban</b> , K.Arun Vasantha Geethan Comparative Hardness studies and Microstructural Characterization of 87 Sn-7Zn- 3Al-3In and 87.5 Sn-6 Zn-2Al- 2.5 In Lead free soldering alloys, Springer Lecture Series in Mechanical Engineering, September, 2018
17	<b>D.Ananthapadmanaban</b> , Amartya Karthik , Development of an expert system to monitor casting defects in foundries , Springer Lecture Series in Mechanical Engineering, September, 2018
18	<i>D.Arthur Jebastine Sunderraj, <b>D.Ananthapadmanaban</b>, K. Arun Vasantha Geethan, Sri Pranav Lakshmanan, H.Vasanthakumar</i> Mechanical testing and Metallurgical characterization Of 87Sn-7Zn-5.5Sb-0.5 La and 87.5Sn-7.5Zn-4Sb-1La Lanthanum Based Lead Free Alloys, International Journal of Mechanical and Production Engineering Research and Development, May 2018 pp 179-

	185(Scopus Indexed)
19	Corrosion in magnesium and its alloys-A Review, <b>D.Ananthapadmanaban</b> , T.R.Vijayaram,International Journal of Fracture and Design,International Journal of Fracture and Damage Mechnics,Volume 5,No 2,November,2019.
20	SEM and EDAX Evaluation of Al-Fe Alloy ,Arthur Jebastine Sunderraj D, Arun Vasantha Geethan K, <b>Ananthapadmanaban D</b> , International Journal of Engineering and Advanced Technology (IJEAT) , Volume-9 Issue-1, October 2019(Scopus Indexed).