

20221396  
Anantha Babu M  
mab2k10@gmail.com  
9597375335  
Mechanical Engineering

Anna University DC member-2  
Dr. T.Balusamy,  
Professor of Mechanical Engineering  
Government College of Engineering, Salem

**List of Publications – Last Five years**

1. Analysis of vibration signal responses on pre induced tunnel defects in friction stir welding using wavelet transform and empirical mode decomposition  
J Rabi, T Balusamy, RR Jawahar  
Defence Technology 15 (6), 885-896, 2019
2. Hydrogen Anti-flaking Heat Treatment in VAR89S Rail Steel  
D Ravichandar, T Balusamy, G Balachandran  
Transactions of the Indian Institute of Metals 72 (10), 2729-2737, 2019
3. Behaviour of Hydrogen During the Manufacture of Rail Steels  
D Ravichandar, T Balusamy, G Balachandran  
Transactions of the Indian Institute of Metals 72 (12), 3285-3294, 2019
4. Experimental investigation on the performance and emission characteristics of a diesel engine by varying the injection pressure and injection timing using mixed biodiesel  
S Arunprasad, T Balusamy  
International journal of green energy 15 (6), 376-384, 2018
5. Numerical model of natural convective heat transfer within a solar dryer using an indirect double pass collector  
R Srinivasan, T Balusamy, M Sakthivel  
International Journal of Ambient Energy 39 (8), 830-839, 2018
6. Behaviour of Hydrogen in Industrial Scale Steel Melts  
D Ravichandar, T Balusamy, R Gobinath, G Balachandran  
Transactions of the Indian Institute of Metals 71 (10), 2505-2515, 2018
7. THERMAL PERFORMANCE OF WATER-IN-GLASS EVACUATED TUBE SOLAR COLLECTOR WITH AND WITHOUT PHASE CHANGE MATERIAL  
S Sadhishkumar, T Balusamy  
Indian Journal of Scientific Research, 193-202, 2018
8. Experimental analysis of a natural convection mode solar dryer integrated with heat storage unit  
P Gopi, T Balusamy, S Palanisamy, PR Shano

Advances in Natural and Applied Sciences 11 (6 SI), 461-468, 2017

9. Experimental Investigation on Indirect Mode Double Pass Natural Convection Solar Dryer with different Configurations of Absorber Plate (Radish)  
R Srinivasan, T Balusamy, M Sakthivel  
Asian Journal of Research in Social Sciences and Humanities 6 (11), 1234-1249, 2016
10. Some Studies on Thermal Performance of Solar Cooking System  
VK Krishnan, T Balusamy  
Asian Journal of Research in Social Sciences and Humanities 6 (10), 1840-1858, 2016
11. Defect Analysis in Friction Stir Welding Process using Wavelet Transformation Technique  
J Rabi, T Balusamy  
Asian Journal of Research in Social Sciences and Humanities 6 (11), 1190-1198, 2016