



SRM Valliammai Engineering College

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Department of Mechanical Engineering

Personal Details

Name :	MUTHU KRISHNAN T	
Designation :	Assistant Professor (O.G.)	
Educational Qualification :	M.E.	
Experience:	8.5 years	
Area of Specialization :	Manufacturing Engineering	
Date of Birth :	24/02/1987	
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Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E.	Mechanical Engineering	Sudharsan Engineering College, Anna University, Chennai.	2010
2	M.E.	Manufacturing Engineering	M.A.M. College of Engineering, Anna University, Chennai.	2013
3	Ph.D.	Pursuing	Anna University, Chennai	-

Professional Society Memberships

1. Indian Society of Technical Education: Life Member

Publication Details

Journals: 5

1. **Thiyagarajan Muthu Krishnan**, Isaac Dinaharan, Ramaswamy Palanivel and Chinnasamy Balamurugan, "Prediction of tensile strength and assessing the influence of process parameters of magnetically impelled arc butt welded AISI 409 ferritic stainless steel tubes", *The International Journal of Advanced Manufacturing Technology*, (2021). Vol. 118 , pg: 417-432. (Impact factor-3.226).
2. **T. Muthu Krishnan**, C. Balamurugan, I. Dinaharan and R. Palanivel, "Influence of arc duration on microstructure and tensile behavior of magnetically impelled arc butt welded AISI 409 ferritic stainless steel tubes", *Materials Science & Engineering A* (2022), Vol.83, pg: 142257.(Impact factor-5.234).
3. I. Dinaharan, **T. Muthu Krishnan** and R. Palanivel, "An assessment of microstructure and tensile behavior of magnetically impelled arc butt welded AISI 409 ferritic stainless steel tubes", *Journal of Materials Engineering and Performance*, (Impact factor-1.86).
4. Velavan K, **Muthu Krishnan T**, Srinivasan T, Sethuvelappan P and Ramanan N, "Determination of Corrosion Resistance Properties of Al-SiO₂ Composite Material", *Journal of Physics Conference Series*, (2021) ISSN 1742-6588, Vol: 2070.

5.T.Muthu Krishnan, R.Palanivel, B.Ganeshbabu, I.Dinakaran and N.Murugan "Effects of tool pin profile and material location on tensile behavior in friction stir welding of dissimilar aluminum alloys" International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 8 (2015).

Conferences: 1

1. T.Muthu Krishnan, R.Palanivel, B.Ganeshbabu, I.Dinakaran and N.Murugan "Effects of tool pin profile and material location on tensile behavior in friction stir welding of dissimilar aluminum alloys" International Conference on Modeling, Optimization and computing (ICMOC 2014).

Research and Development Details

1. *No. of Research Projects Completed: nil*
2. *No. of Patents Filed: nil*
3. *No. of Ph.D candidates guided/guiding: nil*
4. *No of Conferences Convened: nil*

Other Particulars

1. *No. of Books Published: Nil*
2. *No. of STTP/FDP coordinated: Nil*