

## DATA SHEET



Name of the faculty : RAVIKUMAR S.M  
Designation : Associate Professor  
Department : Mechanical Engineering  
Educational Qualification : M.E-Welding Technology

Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University
Ph.D	Welding	Pursuing	Anna University-Chennai	Anna University-Chennai
M.E	Welding Technology	2006	Government College of Engineering, Salem.	Anna University-Chennai
B.E	Mech.Engg	1998	Adhiyamaan College of Engineering, Hosur.	University of Madras

Academic Experience :

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Thangavelu Engineering College	Lecturer	03.06.2006	27.06.2007	01	0	20
Annai Mathammal Sheela Engineering College	Assistant Prof.	21.06.2007	05.12.2008	01	06	15
Sudharsan Engineering College	Assistant Prof.	11.12.2008	10.02.2010	01	02	0
Shivani Institute of Technology	Assistant Prof.	08.03.2010	03.05.2011	01	02	5
M.A.M.College of Engineering & Technology	Associate Prof.	06.05.2011	31.05.2012	01	0	25
M.A.M.College of Engineering	Associate Prof.	01.06.2012	Till Date	03	04	10

Industrial Experience :

Name of the Organization	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
M/S.Automotive Ancillary Services Pvt Ltd, Chennai	Engineer-Quality	Incoming, In process & Final Inspection.  To attend customer complaints.	06.05.2000	10.06.2002	02	01	4
<b>Total</b>					02	01	4

Memberships: Technical

S.No	Description
1.	Life Member in ISTE
2.	Life Member in IWS

National Seminars, Workshops. Conferences Status Attended

S.No	Description
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1.	Participated one day seminar on “Advances in Flux Shielded Welding Processes (A FLUX’14) Organized by Indian Welding Society (IWS) southern zone in association with Welding Research Institute BHEL, Tiruchirappalli-620 014. (29 <sup>th</sup> November 2014).
2.	Participated two day workshop on Application of Artificial Intelligent Techniques in Engineering Research Organized by Department of Mechanical Engineering at Bannari Amman Institute of Technology, Sathyamangalam during 28 & 29 March 2014.
3.	Participated one day workshop on High Temperature Properties of Materials (HTPM) Organized by Center for Materials Joining & Research (CEMAJOR) Department of Manufacturing Engineering, Annamali University & Indian Institute of Metals, Human Resource Development Centre (IIM-HRDC) Kalpakkam (01.02.2014)
4.	Participated two day conference on “Advances in Gas Shielded Welding Technology (AGASS’13) Organized by Welding Research Institute (Trichy) IWS-SZ (21.12.13 to 22.12.13)
5.	Participated AICTE sponsored two week staff development programme on Recent Research and Development in Manufacturing Process-II organized by Department of Mechanical Engineering, M.A.M College of Engineering, Trichy (11.11.13 to 24.11.13)
6.	Participated TEQIP II sponsored one week faculty development programme on Numerical Method and Optimization Techniques in Mechanical Engineering conducted by the Department of Automobile and Mechanical Engineering, Anna University (BIT Campus) Trichy. (19.08.13 to 26.08.13)

#### National Seminars, Workshops. Conferences Status Presented

S.No	Description
1.	Paper presentation in National Conference on Recent Trends in Materials, Manufacturing and Design (MMD’06), Conducted by Department of Metallurgical Engineering, Government College of Engineering, Salem.( 2 <sup>nd</sup> may 2006)
2.	Paper presentation in National Conference Contemporary Approaches in Design and Manufacturing (CADAM’06), Conducted by Department of Mechanical Engineering, ACCET, Karaikudi.(21 <sup>st</sup> April 2006)
3.	Muthu Krishnan T and <b>Ravikumar S.M</b> , “Mechanical Behavior of Friction Stir Welded Dissimilar Aluminium Alloy”, National Conference “LTIME’13” Organized by the Department of Mechanical Engineering, K.Ramakrishnan College of Engineering Trichy held on 19 <sup>th</sup> March,2013.
4.	Muthu Krishnan T and <b>Ravikumar S.M</b> , “Effect of Material Location and Tool Rotational Speed on Friction Stir Welded Dissimilar Aluminium Alloy” National Level Conference, “Contemporary Approaches in Design and Manufacturing” (CADAM’13), Organized by the Department of

	Mechanical Engineering , ACCET Karaikudi held on 25 <sup>th</sup> April 2013.
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#### International Seminars, Workshops. Conferences Status Presented

S.No	Description
1.	<b>Ravikumar S.M</b> and Vijian P, "Optimization of Quality Characteristics Parameters in Self Shielded Flux Cored Arc Welding using Taguchi", International Conference on Advances in Construction, Manufacturing and Automation Research ( INCACMA), 30 <sup>th</sup> & 31 <sup>st</sup> March 2012, Conducted by Kongu Engineering College, Perundurai Erode.
2.	<b>Ravikumar S.M</b> and Vijian P , "Process Parameters Optimization for Self Shielded Flux Cored Arc Welding using Taguchi Method", International Conference on Recent Advances in Mechanical Engineering ( INCRAME), 19-20, April 2012, Conducted by Dr.M.G.R.Educational and Research Institute University, Chennai.
3.	Sivabalan R and <b>Ravikumar S.M</b> , "Effects of Wind velocity over the weld quality of Self Shielded Flux Cored Arc Welding" International Conference on Intelligent Computing Methods, Optimization and Robotics (ICMOR 2013) Organized by the Department of Mechanical Engineering, Dhanalakshmi Srinivasan Engineering College Perambalur held on 05 <sup>th</sup> April 2013.
4.	<b>Ravikumar S.M</b> , Vijian.P . "Evaluation of Weld Quality of Self Shielded Flux Cored Arc Welding using Wind Velocity" International Conference on Modelling and Optimization and Computing (ICMOC-2014) Organized by the Department of Mechanical Engineering, Noorul Islam University, Nagercoil, Tamilnadu,India held on April 10 & 11, 2014.

#### Publications (Technical)

S.No	Description
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1.	<b>Ravikumar S.M.</b> , and P.Vijian. "Optimization of weld bead geometry in Shielded Metal Arc Welding using Taguchi Based Grey Relational Analysis." International Journal of Mechanical & Mechatronics Engineering IJMME-IJENS Vol:14 No:04.August (2014) (86-91)
2.	<b>Ravikumar S.M.</b> , and P.Vijian. "Developinng Empirical Relationships to Predict Weld Bead Geometry of Shielded Metal Arc Welding." ARPN Journal of Engineering and Applied Sciences. Vol.9, NO.12 December 2014.
3.	<b>Ravikumar S.M.</b> , and P.Vijian. "Evaluation of Weld Quality of Self Shielded Flux Cored Arc Welding using Wind Velocity." International Journal of Applied Engineering Research. Vol.10, Number 8 (2015).
4.	Jeeva.K., and <b>Ravikumar S.M.</b> "Experimental Investigation of Weld Bead Geometry in Flux Cored Arc Welding Process". International Journal of Innovative Research in Technology. Volume.1, Issue.12 (May 2015) PP.1560-1571.
5.	RajeshRao.A., and <b>Ravikumar S.M.</b> "Investigation on Effect of Welding Hardness of Shielded Metal Arc Welding". International Journal of Innovative Research in Technology. Volume.1, Issue.12 (May 2015) PP.1572-1578.