

UNIVERSITY COLLEGE OF ENGINEERING, PANRUTI

Curriculum Vitae

Name of the Staff Member : Dr. A. Sittaramane

Father / Husband name : V. Azhagapattar

Present Designation : Teaching Fellow

Gender : Male

Date of Birth : 15.07.1972

Date of Joining Service : 16.06.2004

Date of Joining Present Post : 19.07.2013

Department : Mechanical Engineering

Aadhar Number : 603763910450

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Way of third cross, Panruti, Cuddalore 607106.

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Educational Qualification:

Sno	Qualification	Discipline / Specialization	Institution/University	Year of completion	Class
1	PhD	Mechanical Engineering	Sathyabama Institute of Science and Technology	2019	-
2	M.E	Product Design and Development	Anna University	2011	I
3	MBA	Operations Management	Indira Gandhi National Open University	2004	II
4	B. E	Mechanical and Production	Annamalai University	1998	I
5	Diploma	Mechanical Engineering	DOTe	1992	I

Employment History:

Sno	Designation	Name of the college	From date	To Date	Total		
					Years	months	Days
1.	Teaching Fellow	University college of Engineering, Panruti.	19.07.2013	Till date	11	02	29
2.	Assistant Professor	PRIST University, Puducherry Campus.	01.07.2011	18.07.2013	02	-	17
3.	Lecturer	Padalesuwarar Polytechnic College, Cuddalore.	06.07.2007	08.08.2009	02	01	02
4	Lecturer	Annai Velankanni Polytechnic College, Panruti, Cuddalore.	16.06.2004	05.07.2007	03	-	19
Total Employment Experience					18	05	07

PROFESSIONAL MEMBERSHIP:

Life Member in Indian Welding Society. (Membership No - L01463)

LIST OF PUBLICATIONS

International journals

1. Sittaramane A, Mahendran G. (2019), "Optimization of Diffusion Bonding parameters of dissimilar Aluminium matrix composites" *Comptes rendus de l'Académie Bulgare des sciences* 72 (4), 510-515, 2015 (**Indexed in Web of Science**)
2. Sittaramane A. and Mahendran G. (2017) "Optimization of Diffusion Bonding process parameters of Aluminium AA6061 – Fly ash Composites using Taguchi Method" *International Journal of Vehicle Structures & System*, Vol. 9, No 4, pp. 225-227 (**Indexed in Scopus**)
3. Sittaramane A. and Mahendran G. (2016), "Optimal Bonding Conditions for Diffusion Bonding of Aluminum Metal Matrix Composites using Taguchi Based Response Surface Methodology", *Journal of the Balkan Tribological Association*, Vol. 22, No 3, pp. 2437-2446 (**Indexed in Web of Science**)
4. Sittaramane A. and Mahendran G. (2016), "Process Parameters Optimization on Lap Shear Strength in Diffusion Bonding of Aluminium - Fly Ash (AFA) and Aluminium – Silicon Carbide (ASC) Composites using Taguchi Method", *Journal of the Balkan Tribological Association*, Vol. 22, No. 3, pp. 2907-2915 (**Indexed in Web of Science**)
5. Sittaramane A. and Mahendran G. (2015), "Diffusion bonding – Process and its Variables: A Review", *International Journal of Applied Engineering Research*, Vol. 10, No. 83 (**Indexed in Scopus**)
6. Sittaramane A. and Mahendran G. (2015) "Modeling and optimization of Diffusion Bonding Parameters for Aluminium AA6061- SiC Composites using Response Surface Methodology" *International Journal of Design and Manufacturing Technology*, Vol. 10, pp. 7-10.
7. Sittaramane A. and Mahendran G. (2015), "Characterization of Diffusion bonded Aluminium metal matrix composites", *International Journal of Applied Engineering Research*, Vol. 10, No. 09 (**Indexed in Scopus**)

LIST OF FDP/ WORKSHOP / SEMINAR/ TRAINING COURSE ATTENDED

1. **FDP** on "PostCOVID Green and Sustainable Development practices in Manufacturing Industries" at CVR College of Engineering Telangana organized by CVR College of Engineering during 17- 21 January 2022.
2. **FDP** on "Recent Trends in Manufacturing Technology and Thermal Engineering" at Bharath Institute of Science and Technology Chennai organized by Bharath Institute of Higher Education and Research Chennai during 06 – 13 October 2021.
3. **FDP** on "Design of Machine Elements" at University College of Engineering Panruti sponsored by CFD Anna University Chennai during 17 – 23 May 2017.
4. **FDP** on "Glimpses of Engineering Metallurgy" at CK College of Engineering & Technology Cuddalore organized by CK College of Engineering & Technology Cuddalore and IIM-HRDC Kalpakkam during 17 December 2016.
5. **FDP** on "Heat and Mass Transfer" at University College of Engineering Panruti sponsored by CFD Anna University Chennai during 16 – 22 December 2013.
6. Participated **Workshop** on "Optimization Techniques for Engineering Applications" organized by Adiparasakthi Engineering College Melmaruvathur on 13-14 February 2015.
7. Participated **Workshop** on "Academic Research and Publishing" organized by PRIST University kumbakonam Campus on 02 March 2012.
8. Participated **Workshop** on "International workshop on research" organized by VELS University Chennai on 09 August 2012.
9. Participated **Workshop** on "Surface Engineering" organized by Annamalai University Chidambaram on 9-10 April 2010.
10. Participated **short term training** programme on "Advancement in welding process and inspection Techniques" organized by Achariya college of Engineering technology Puducherry on 2-6 June 2014.
11. Participated **short term course** on "Optimization and its Applications" organized by National Institute of Technology Tiruchirappalli on 10-11 November 2014.
12. Participated **National Seminar** on "Recent Trends in Welding Technology and Non – Destructive Testing" organized by Coimbatore Institute of Technology Coimbatore on 20-21 September 2013.
13. Participated **Training course** on "Corrosion prevention and control" Jointly organized ASM International Chennai Chapter & NACE International Gateway India section south zone at IIT Madras Chennai on 14-15 February 2012.

LIST OF CONFERENCES

1. Presented a paper on “A Mathematical analysis of wear behaviour of aluminium metal matrix composites (Al/CSA/Sic)” at Annamalai university Chidambaram during 15-16 October 2018 (**RAMME-2018 National Conference**)
2. Presented a paper on “Modeling and Optimization of Diffusion Bonding Parameters for Aluminium AA6061 – Sic composite using Response Surface Methodology” at Sathyabama University Chennai during 07-09 July 2016. (**FAME 2016- International Conference**)
3. Presented a paper on “Study on Diffusion bonding characteristics of AA6061 / Aluminium alloy reinforced with fly ash” at Sathyabama University Chennai during 10-11 April 2015. (**ETAA-2015 - National Conference**)
4. Presented a paper on “Optimization of Diffusion Bonding Parameters Using Taguchi Based Grey Relational Analysis for Aluminium – Fly Ash Composites organized by Coimbatore Institute of Technology Coimbatore during 5-7 August 2015. (**CWS- 2015- International Conference**)
5. Presented a paper on “Parameter optimization of Diffusion Bonding of Aluminium Fly ash composites using Mathematical Method” at University College of Engineering Villupuram on 15-16 October 2015. (**ICAME 2015- International Conference**)
6. Presented a paper on “A study on Influence of Process Parameters in Diffusion Bonding” CK College of Engineering and Technology Cuddalore during 11-12 April 2012. (**National conference**)
7. Presented a paper on “Comparative study of diffusion bonding windows on dissimilar metals at Dr. Navalar Nedunchezhiyan College of Engineering Tholudur during 20-21 April 2012. (**NTMS-2012 National Conference**)
8. Presented a paper on “Theoretical and finite element analysis of temperature distribution in grinding process” at Dr. Navalar Nedunchezhiyan College of Engineering Tholudur during 8-9 April 2011. (**NTMS-2011 National Conference**)

Signature of the staff