

FACULTY PROFILE

Name : Dr.V.Rajkumar
Designation : Assistant Professor (Selection Grade)
Email ID : rajkumar.me@srit.org



Area of Specialization : Welding, Advanced joining processes,
Materials characterization & Industrial engineering

Total Experience : Academic : 4 years 9 months
Industry : 2 years

Educational Qualification:

Degree	Branch / Specialization	College	University
Ph.D	Manufacturing/ Dissimilar welding	School of Mechanical & Building Sciences	VIT University, Vellore
Master of Engineering	Industrial Engineering	Graduate School of Industrial and Manufacturing Systems Engineering	University of Windsor, Ontario, Canada
Bachelor of Engineering	Mechanical Engineering	PSG College of Technology	ANNA University

Experience Details:

S.No	Institution/Industry	Design.	Experience		Total Years & Months
			From	To	
1	Centreline Automation	Industrial Engineer	June 2007	June 2008	1 year
2	UST Global	Software Engineer/Associate Team lead	July 2008	Aug 2009	1 year
3	RVS Faculty of Engineering	Assistant Professor	June 2011	Sept 2012	1 year 4 months

4	VIT University, Vellore	Research Associate	Oct 2012	May 2014	1 year 8 months
5	Sri Ramakrishna Institute of Technology	Assistant Professor (Selection Grade)	May 2014	Present	1 year 9 months
Total (as on Feb 2016)					6Years 9Months

Publications :

Journals :

1. **V.Rajkumar**, N. Arivazhagan. Role of Pulsed Current on Metallurgical and Mechanical Properties of Dissimilar Metal Gas Tungsten Arc Welding of Maraging Steel to Low Alloy Steel. **“Materials and Design, Elsevier Ltd” (Impact : 3.6)**
2. **V. Rajkumar**, N. Arivazhagan. Assessment of corrosion behaviour of aerospace materials in marine environments by Tafel’s Potentio dynamic polarization studies. **“International Journal of Chem Tech Research” (Impact : 0.586)**
3. **V.Rajkumar**, N.Arivazhagan. Potentio dynamic corrosion studies of dissimilar metals in sea water environments using Tafel’s method. **“Journal of Corrosion Science & Engineering”. (Impact : 0.102)**
4. **V.Rajkumar**, N. Arivazhagan, K. Devendranath Ramkumar. Studies on welding of Maraging steel(250) - **“Procedia Engineering, Elsevier Ltd” (Impact : 0.6)**
5. **V.Rajkumar**, Venkatesh kannan.M, K. Devendranath Ramkumar, N. Arivazhagan, S. Narayanan. Studies on Effect of Tool Design and Welding Parameters on the Friction Stir Welding of Dissimilar Aluminum Alloys – AA 5052-AA6061 - **“Procedia Engineering, Elsevier Ltd” (Impact : 0.6)**
6. Venkatesh kannan.M, **V.Rajkumar**, Sadeesh.P, K. Devendranath Ramkumar, N. Arivazhagan, S. Narayanan. Studies on influence of tool design in friction stir welding AA2024 and AA5052 dissimilar metals - **“Procedia Engineering, Elsevier Ltd” (Impact : 0.6)**

7. Sadeesh.P, Venkatesh kannan.M, **V.Rajkumar**, K. Devendranath Ramkumar, N. Arivazhagan, S. Narayanan. Studies on influence of tool design in friction stir welding AA2024 and AA6061 dissimilar metals - **“Procedia Engineering, Elsevier Ltd” (Impact : 0.6)**
8. Arivarasu M, Manikandan M, Gokulkumar K, **V. Raj Kumar**, Devendranath Ramkumar K, Arivazhagan N. High Temperature Studies on Welded Joint in Molten Salt Power Plant Environments. **“International Journal of Chem Tech Research” (Impact : 0.586)**

International Conferences:

1. Attended 7th International conference on materials for advanced technologies ICMAT 2013 held at Singapore presenting two research abstracts.
2. Attended a conference “International conference on advances in design and manufacturing” at NIT Trichy.

Seminar, Conference, Workshop Attended:

1. Two weeks program on Entrepreneurship development conducted by PSG STEP, PSG Tech.
2. Two weeks STTP workshop on Control systems conducted by IIT Kharagpur
3. One week STTP workshop on Environmental Sciences conducted by IIT Bombay
4. Two weeks workshop on Advanced manufacturing at CIT, Coimbatore

Guest Lectures Delivered:

Topic	Institution	Date(s)
Advance Manufacturing Systems	Sri Ramakrishna Institute of Technology (Host institute)	13.2.2016
Advanced functional Materials	Sri Ramakrishna Institute of Technology(Host institute)	27.2.2016

Contributions to the Institution, Department and Society:

1. Arranged industrial visits to students
2. Compiled NBA SAR report of Mechanical Department and prepared department presentation
3. Tutor for II year students

Awards and Recognitions:

1. Research Supervisor at Faculty of Mechanical Engineering, ANNA University, Chennai
2. Reviewer in 4 international journals.
3. H index of journals: 2
4. Google Scholar: Total Number of citations of journals: 9
5. Research Gate Score of 6.23 with 300+ reads/views
6. 700 + article downloads/views of journals in Sciencedirect.com