



Sai SAI RAM INSTITUTE OF TECHNOLOGY

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi
Accredited by NBA and NAAC "A+" | An ISO 9001:2015 Certified and MHRD NIRF ranked institution
Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamitedu.in



DEPARTMENT OF MECHANICAL ENGINEERING PERSONAL ATTENTION PARENTAL CARE

Name : **Mr.R.ARUNKUMAR**
 Designation : **Asst.Professor /Mechanical**
 Email : arunkumar.mech@sairamitedu.in
 Qualification : M.E.(Ph.D)
 Specialization : Welding Technology
 Research Interest : **Materials, Welding, Composites.**



Experience in years : **Teaching** UG PG **Industry**

No. of Workshop/Conferences/
 FDP / Webinar attended : Workshop & Webinar Conferences FDP

No. of Workshop/Conferences/
 FDP/ Webinar Organized : Workshop & Webinar Conferences FDP

Professional Membership	ISTE, IEEE, IWS, IAENG
Publications	National : 03
	International: 07
	Book : NIL
Research Funded Projects	02 – Applied (SERB, TNSCST) as Co-Principal Investigator
Consultancy	Nil
Patents	02
Academic Achievements	Appreciation reward for 100 % results
Recognitions & Honors	<ul style="list-style-type: none"> • Appreciation award for Resource person • Appreciation award from Autodesk corporation • Best Paper Presentation awards in conferences • Innovation appreciation award. • IIC ambassador • Acting as Resource person • Member – Question paper setting panel, syllabus.
Any Other Information	Autodesk design academy Coordinator

List of Publications:

1. Mechanical properties and wear properties of Kenaf–aloe vera–jute fiber reinforced natural fiber composites.
2. Review of Friction Stir Processing of Aluminium Alloys.
3. Review of Friction Stir Processing of Magnesium Alloys.
4. Predicting the best Flexural Strength of Banana-Bamboo-Glass fiber reinforced Natural fiber composites using Taguchi method
5. Multi Response optimization of drilling parameters in Glass Fiber Reinforced Thermoplastic composites
6. Numerical analysis of passive heat sink for different shapes.
7. Predicting the best Tensile Strength of Banana-Bamboo-Glass fiber reinforced Natural fiber composites using Taguchi method

Workshop / Webinars Attended:

S.No.	Name of the Workshop	Organizers	Mode of Program	Month & Year
1	Workshop On Advancements In Welding process	Annamalai university	Online	2020
2	Work shop on 3D Printing Techniques	Panimalar Engineering College, Chennai.	Onsite	2020
3	One Day National Workshop on Robotics	Sathyabama University, Chennai	Onsite	2020
4	workshop on “Digital teaching Techniques	Panimalar Engineering College, Chennai.	Onsite	2020
5	National Workshop on “Recent Trends in Automobile Engineering”	CIT.	Onsite	2020

FDP Attended:

S.No.	Name of the FDP	Organized by (Institution Name)	Mode of Program	Month & Year
1	ATAL, Academy Online FDP on "3D Printing & Design"	PANIMALAR	Online	2021

2	Online FDP on “Manufacturing, Machining and Testing of Composites”	SSIT	Onsite	2020
3	ATAL, Academy Online FDP on "Robotics"	CIT	Onsite	2020
4	Online Two-Day FDP on Virtual Teaching	Teaching Learning Centre, CIT	Onsite	2020
5	ATAL, Academy Online FDP on "welding technology"	Annamalai university	Onsite	2020
6	Two days FDP on ‘ Creative Thinking’	Sri SaiRam Institute of Technology, Chennai	Onsite	2019
7	FDP on Outcome Based Pedagogic Principles for Effective Teaching	SSIT	Onsite	2019
8	ATAL, Academy Online FDP on "Operation management"	Sri SaiRam Engineering College, Chennai	Onsite	2020
9	AICTE sponsored Two Weeks Faculty Development Programme on Bio Degradable, Green and Nano Composites for Industrial Applications: Manufacturing Methodologies and Properties	Sri SaiRam Institute of Technology, Chennai	Onsite	2017
10	ATAL, Academy Online FDP on "Artificial intelligence"	Sri SaiRam Engineering College, Chennai	Onsite	2019
11	ATAL, Academy Online FDP on "electric vechicles"	K.S.R college of technology.	Onsite	2019
12	ATAL, Academy Online FDP on "Patent Drafting"	Jerusalem college of engineering.	Onsite	2019
13	ATAL, Academy Online FDP on "Matlab"	Rungta college of engineering.	Onsite	2019

Conferences Attended:

S.No.	Name of the Conference	Organizer	Month & Year
1	3rd International Conference on Materials, Manufacturing and Mechanical Engineering for Sustainable Developments (ICMSD2020)	Sri Sairam Institute of Technology, Chennai.	2020
2	2 nd International Conference on Materials, Manufacturing and Mechanical Engineering for Sustainable Developments (ICMSD17)	Sri Sairam Institute of Technology, Chennai	2017

3	1 st International Conference on Materials, Manufacturing and Mechanical Engineering for Sustainable Developments (ICMSD2020)	Sri Sairam Institute of Technology, Chennai	2014
4	International conference on Materials Engineering	PSG college of Technology, Chennai.	2011
5	International Conference on Advances in Mechanical Engineering	KIET.	2017

Programs Organized (via Dept. /Cells/Clubs):

S.No.	Name of the Program	Responsibility Held	Month & Year
1	3rd International Conference on Materials, Manufacturing and Mechanical Engineering for Sustainable Developments (ICMSD2020)	Organizer & session in charge	November 2020
2	One week online FDP on Engineering and Management Teaching Pedagogy – An Industry Perspective	Coordinator	May 2020
3	Five days FDP on “ creative thinking ”	Coordinator	June 2017
