



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.sairamit.edu.in



DEPARTMENT OF MECHANICAL ENGINEERING PERSONAL ATTENTION PARENTAL CARE

Name : Karthikeyan B

Designation : Assistant Professor

Email : karthi.mech@sairamit.edu.in

Qualification : Master in Engineering

Specialization : Engineering Design

Research Interest : Design, Materials



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 IWS
Publications	National: 1
	International: 3
	Book:
Research Funded Projects	
Consultancy	
Patents	
Academic Achievements	Produced 100 percent results in the university exams
Recognitions & Honors	
Any Other Information	

List of Publications:

1. Numerical and experimental investigation of an exhaust air energy recovery Savonius wind turbine for power production; Materials Today: Proceedings 46, 4142-4152
2. Energy harvesting pulley; Materials Today: Proceedings 46, 4035-4039
3. Optimization of Process Parameters in TIG Welded Joints of AISI 304L -Austenitic Stainless Steel using Taguchi's Experimental Design Method, Materials Today: Proceedings 16 (2019) 1188–1195
4. Fuel Efficiency Enhancement using Water Injection System in Single Cylinder Petrol Engine, International Journal of Pure and Applied Mathematics, Volume 118, No. 24, 2018.

List of Patents:

Workshop / Webinars Attended: *(add the required number of rows according to the need)*

S.No.	Name of the Workshop	Organizers	Mode of Program	Month & Year
1	MECH4.0	Sathaybama University	Online	May 2020

FDP Attended:

S.No.	Name of the FDP	Organized by (Institution Name)	Mode of Program	Month & Year
1	Recent Trends in IOT	ATAL - Ramrao Adik Institute of Technology	Online	Aug 2020
2	Smart Manufacturing – Opportunities & Challenges	St Joseph's College of Engineering	Online	Aug 2020
3	Electric Vehicles: An opportunity for India	R.M.K. college of Engineering and Technology	Online	Jul 2020
4	Novel Materials and its industrial applications	Karpagam College of Engineering	Online	May 2020
5	Additive Manufacturing	CMR Technical Campus.	Online	May 2020
6	Advances in Computational Fluid Dynamics	Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College	Offline	Jun 2019
7	Entrepreneurship Career Development Program	Sri Sai Ram Institute of Management Studies.	Offline	Apr 2019

8	Recent Developments in Engineering Materials and Nanotechnology	Tagore Engineering College.	Offline	Dec 2018
9	FEA using ANSYS Workbench and Solid Works simulations and Smart Manufacturing using Mastercam	Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College	Offline	Dec 2018
10	Autodesk Inventor	ICT Academy	Offline	Jun 2018
11	Recent Developments in Non Destructive Testing and Materials	Tagore Engineering College.	Offline	Dec 2016

Conferences Attended: *(add the required number of rows according to the need)*

S.No.	Name of the Conference	Organizer	Month & Year

Programs Organized (via Dept. /Cells/Clubs): *(add the required number of rows according to the need)*

S.No	Name of the Program	Responsibility Held	Month & Year
1	International conference on Materials, Manufacturing and Mechanical Engineering for Sustainable Development (ICMSD2020)	Co-Coordinator	Nov, 2020
2	Engineering and Management Teaching Pedagogy – n Industry Perspective	Convener	May, 2020
