



Sri 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
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DEPARTMENT OF MECHANICAL ENGINEERING PERSONAL ATTENTION PARENTAL CARE

Name : J.M.PRABHUDASS
Designation : ASSOCIATE PROFESSOR
Email : prabhu.mech@sairamit.edu.in
Qualification : B.E., M.Tech, (Ph.D)
Specialization : THERMAL ENGINEERING
Research Interest : COMPOSITE 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	<ul style="list-style-type: none"> ❖ SOCIETY OF AUTOMOTIVE ENGINEERS, INDIA (SAE) ❖ INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE)
Publications	National: NIL
	International: 04
	Book: NIL
Research Funded Projects	01
Consultancy	NIL
Patents	Published: 01
Academic Achievements	Achieved 100% result in the following subjects: Engineering Thermodynamics, Heat & Mass transfer, Thermal Engineering, Gas dynamics & Jet propulsion, Power plant Engineering, Advanced IC Engines, Principles of Management, Engineering Graphics.

<p>Recognitions & Honors</p>	<ul style="list-style-type: none"> • Received Best Mentor Award in the year 2011 • Received Best Class coordinator Award in the year 2011 • Received Best Mentor Award in the year 2020
<p>Any Other Information</p>	<ol style="list-style-type: none"> 1. Faculty Advisor for the college team named “FURY OF GEARS” participating in SAE BAJA in 2016. 2. Faculty Advisor for the college team participating in SAE E-BAJA in 2017. 3. Faculty Advisor for the college team participating in SAE E-BAJA in 2018. 4. Faculty Advisor for the college team participating in SAE E-TRACTOR competition in 2019. 5. Faculty Advisor for the college team named “INFERNO” participating in SUVC in 2020 6. Faculty Advisor for the college participating in EFFICYCLE in 2020 7. NAAC Criteria Coordinator 8. NBA Coordinator 9. RAISE Project Propagator 10. Automobile Club Strategist

List of Publications:

1. J.M.Prabhudass, K.Palanikumar, ElangoNatarajan, KalaimaniMarkandan, Enhanced Thermal Stability, Mechanical Properties and Structural Integrity of MWCNT Filled Bamboo/Kenaf Hybrid Polymer Nano composites, Materials 2022, Volume 15, Issue 2, 506 (Web of Science Indexed Journal)
<https://doi.org/10.3390/ma15020506>
2. J.M.Prabhudass, K.PalaniKumar. Experimental investigation of Mechanical and Thermal properties of Coir-Kenaf reinforced epoxy composites, Materials Today, Volume 44, Part 5, 2021, Pages 3834-3837 (Scopus Indexed Journal)
<https://doi.org/10.1016/j.matpr.2020.12.338>
3. K.Palanikumar, J.M.Prabhudass, Ashwin Sailesh, “Experimental Investigation of Thermal Properties of Hybrid Glass Fiber – Sisal Reinforced Epoxy Composites”, ASME 2015
4. Mechanical & Thermal properties of Sisal epoxy/Banana epoxy composites- A Review presented in First International Conference on Advances in Materials and manufacturing Engineering (ICAMME’14) held on Dec19-20, 2014, at Sri Sairam Institute of Technology Chennai 600044.
<https://doi.org/10.4028/www.scientific.net/AMM.766-767.173>

List of Patents:

Published a patent on the topic “An Automated Guided Mobile Robot with Image Recognition”