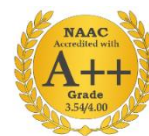





SETHU INSTITUTE OF TECHNOLOGY

(An Autonomous Institution| Accredited with 'A++' Grade by NAAC)

Pulloor, Kariapatti –Taluk. Virudhunagar Dist-626115.



Department of Mechanical Engineering					
Name	C TAMILARASAN				
Date of Birth	15.02.1990				
Unique ID	1-2185393663				
Educational Qualifications	M.E.,(Ph.D)				
Designation	Assistant Professor				
Email ID	ctamilarasan@sethu.ac.in				
Alternate Email ID	tamilarasanshivali@gmail.com				
Experience	Industry	Teaching	Others	Total	
	--	11 Year 9 Month	--	11 Year 9 Month	
Date of Joining the Institution	02.01.2014				
Area of Specialization	Production Engineering				
Courses taught	Dynamics of Machinery ,Kinematics of Machinery ,Theory of Machines Engineering graphics, Engineering Drawing and Design, Engineering Drawing, Smart Manufacturing, Engineering Metrology and Measurement , Engineering Materials and Metallurgy , Heat and Mass transfer , Finite Elements and Analysis, Basic Civil and Mechanical Engineering ,Power Plant Technology ,Process Planning and Cost Estimation ,Introduction to Mechanical Engineering ,Renewable sources of energy ,Renewable Energies of technologies ,Biology for Engineers and Green Supply chain management.				
Research Focus	Development and characterization of polymer matrix composites for structural and electronic applications				
Subject Competency	Dynamics of Machinery ,Kinematics of Machinery ,Theory of Machines Engineering graphics, Engineering Drawing and Design, Engineering Drawing, Smart Manufacturing, Engineering Metrology and Measurement , Engineering Materials and Metallurgy , Heat and Mass transfer , Finite Elements and Analysis, Basic Civil and Mechanical Engineering ,Power Plant Technology ,Process Planning and Cost Estimation ,Introduction to Mechanical Engineering ,Renewable sources of energy ,Renewable Energies of technologies ,Biology for Engineers and Green Supply chain management.				
No. of papers published	National Journals	International Journals		Conferences	
	-	5		6	
PG Specialization	M.E. Production Engineering				
Ph.D. Specialization	Mechanical Engineering				
Patents (Filed & Granted)	01				



Academic Credentials

Level	Degree	Specialization	University	Year of Completion
UG	B.E.,	Mechanical Engineering	Anna University, Coimbatore.	2011
PG	M.E.,	Production Engineering	Anna University, Chennai.	2014
Ph.D	Ph.D(Pursing)	Mechanical Engineering	Rajiv Gandhi Institute of Petroleum Technology, in Jais, Amethi, Uttar Pradesh	- (Pursing)

Details of Journal Publication:

1. Published a paper on the topic of "Optimization of GMAW welding parameters to improve mechanical properties" International Journal on Recent Researches in Science, Engineering & Technology (IJRRSET), Volume11, Issue7, Pages 1-13 (2023).
2. Published a paper on the topic of "An Investigation of Mechanical Properties in Butt welding process of AA2014 aluminium alloy plates: A finite element approach" International Research Journal in Global Engineering and Sciences. (IRJGES), Volume7, Issue1, Pages 90-101 (2022).
3. Published a paper on the topic of "Mechanical property studies on Flax/Basalt fiber reinforced polyester hybrid composite" International Journal On Recent Researches In Science, Engineering & Technology (IJRRSET), Volume9, Issue2, Pages 47-80 (2021).
4. Published a paper on the topic of "A comprehensive computer-aided process planning system for the assembly of leaf springs" International Journal of Research in Mechanical, Mechatronics and Automobile Engineering (IJRMMAE), Volume6, Issue4, Pages 66-76 (2021).
5. Published a paper on the topic of "Reduce the defects in gate valve and thereby improving the quality of gate valve " International Journal of Applied Engineering Research, Special Issues, Vol.3 (2015)

Details of Conference attended:

1. GTMTS 26 April 2024 conference attended at Biodegradable Roselle Fibers: A Novel Approach to Composite Material Development.
2. GTMTS 26 April 2024 conference attended at Design and Analysis the Rocker Arm Lever and their Implementing Quality Control
3. GTMTS 26 April 2024 conference attended at Experimental Investigation on Mechanical Properties of Natural Fiber/Filler Reinforced Polyster Composite

4. GTMTS 23 & 24 February 2023 conference attended at Review on mechanical characterization of natural fibre composite.
5. GTMTS 23 & 24 February 2023 conference attended at Experimentation of diesel engine fuelled with graphite include mahua biodiesel
6. GTMTS 23 & 24 February 2023 conference attended at Numerical simulation of thrust augmentation

Details of Patents Filed and Granted:

- 1."Design Patent titled 'Radiation Intensity Sensor Mounted Solar Panel System' published on 29-12-2024."

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