




SETHU INSTITUTE OF TECHNOLOGY

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

Pulloor, Kariapatti –Taluk. Virudhunagar Dist-626115.



Department of					
Name	R JAYAPRAKASH				
Date of Birth	15.05.1989				
Unique ID	1-2934355560				
Educational Qualifications	M.E., (Ph.D.,)				
Designation	Assistant Professor				
Email ID	rjayaprakash@sethu.ac.in				
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Experience	Industry	Teaching	Others	Total	
	2.6	10	-	12.6	
Date of Joining the Institution	01.06.20215				
Area of Specialization	CAD/CAM				
Courses taught	Finite Element Analysis, Project Management Finance, Design of Transmission System, Engineering Graphics				
Research Focus	Additive Manufacturing, Finite Element Analysis, Bone Tissue Engineering				
Subject Competency	Finite Element Analysis, Additive Manufacturing				
No. of papers published	National Journals		International Journals		Conferences
	04		01		03
PG Specialization	CAD/CAM				
Ph.D. Specialization	Mechanical				
Projects Carried out	Naan Muthalvan Niral Thiruvilla 2024				



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Academic Credentials

Level	Degree	Specialization	University	Year of Completion
UG	B.E	AUTOMOBILE ENGINEERING	ANNA UNIVERSITY – CHENNAI	2010
PG	M.E	CAD/CAM	ANNA UNIVERSITY – CHENNAI	2015
Ph.D.	(Ph.D.,)	MECHANICAL	NATIONAL INSTITUTE OF TECHNOLOGY PUDUCHERRY	PURSUING

Details of Journal Publication:

1. “Fabrication and Characterization of Super Hard TiCrN Coating for Mechanical Application of Micro Drill Bits using Pulsed Magnetron Sputtering”, International Research Journal in Global Engineering and Sciences. (IRJGES), ISSN : 2456-172X | Vol. 8 Issue 1, 2023| Pages 76-82.
2. “Experimental Investigation of Machining Parameters of EDM Process For Machining Ti based Alloy”, International Research Journal in Global Engineering and Sciences. (IRJGES) ISSN : 2456-172X | Volume7, Issue1, 2022| Pages 102-118.
3. “Whirling Analysis of Fiber Reinforced Plastic Shafts” International Journal of Recent Researches in Science, Engineering & Technology (IJRRSET), Volume 10 Issue 3 - March 2022 - Pages 6-13.
4. “Productivity enhancement in manufacturing sector using Six Sigma”, International Research Journal in Global Engineering and Sciences. (IRJGES) ISSN : 2456-172X | Vol. 5 Issue 4 – 2021, Pages 33-41
5. “Teaching Learning Based Optimization (TLBO) of cutting forces in machining GFRPcomposites” International Journal of Applied Engineering Research, ISSN 0973-4562 vol.10 No. 1, 2015 pp 664-670.

Details of Conference attended:

1. Presented a paper titled "Implementation of AM in Biomedical Applications for Knee Replacement" at the National Conference on GTMTS 2024 held at Sethu Institute of Technology on April 26, 2024.
 2. Presented a paper titled "Experimental Investigation of Hybrid Synthetic and Natural Fibre Composite for Automobile Application" at the National Conference on RAME 2024 held at PSR Engineering College, Sivakasi on 5th & 6th April 2024.
 3. Presented a paper titled "Design and Analysis of Elliptical Porous Scaffolds for Bone Tissue Engineering Fabricated using Additive Manufacturing" at the Inter National Conference on RATSTEm-2025 held at Loyola Institute of Technology, Chennai on 3rd & 4th April 2025.
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