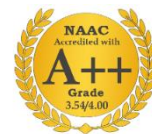





SETHU INSTITUTE OF TECHNOLOGY

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

Pulloor, Kariapatti –Taluk. Virudhunagar Dist-626115.



Department of Mechanical Engineering					
Name	V. Ramachandran				 UPDATED PHOTO
Date of Birth	05.05.1988				
Unique ID	1-7415422799				
Educational Qualifications	B.E, M.E,				
Designation	Assistant Professor				
Email ID	vramachandran@sethu.ac.in				
Alternate Email ID	ramachandranmep236@gmail.com				
Experience	Industry	Teaching	Others	Total	
	1 Years	12 Years		13 Years	
Date of Joining the Institution	10.07.2013				
Area of Specialization	composite material,				
Courses taught	Engineering Graphics, Engineering Drawing, Fluid Mechanics and Machinery, Kinematics of Machinery, Manufacturing Technology - 2, Operation Research, Finite Element and Analysis, Engineering Thermodynamics, Machine Drawing, Basic Civil and Mechanical Engineering, Applied Hydraulics and Pneumatics, Renewable Sources of Energy				
Research Focus	Composite material, Corrosion,				
Subject Competency	Engineering Graphics, Manufacturing Technology, Operation Research				
No. of papers published	National Journals		International Journals		Conferences
	-		6		2
PG Specialization	Production Engineering				
Ph.D. Specialization	Metal Matrix				
Projects Carried out	1. Stair to ramp convertor using pneumatic cylinder for disabled people.(MSME 2.0) 2. Bio composite (Multimedia university , Malaysia)				



UPDATED PHOTO

Academic Credentials

Level	Degree	Specialization	University	Year of Completion
UG	B.E	Mechanical Engineering	Anna University, Chennai	2009
PG	M.E	Production Engineering	Anna University, Chennai	2013
Ph.D.	Ph.D	Metal Matrix	Anna University, Chennai	Pursuing

Details of Journal Publication: 6

1. Karthick P, V. Ramachandran "Implementation of Rapid Prototyping in Orthopaedic Implant and Analysis of Process Parameters" ISSN: 2583-2646 / Volume 4 Issue 1 March 2024 / Page No: 105-112
2. Ramachandran V, Devanand S, Karthick S "Simulation and Analysis of Plant Layout in the Zinc Phosphating Plant" IJRRSET Volume 11 Issue 2– Feb 2023 - Pages 14-28
3. Ramachandran V, Balaji T P, Jayaprakash R, Mohamed Ibrahim A "Whirling Analysis of Fiber Reinforced Plastic Shafts" IJRRSET Volume 10 Issue 3 - March 2022 - Pages 6-13
4. Karuppasamy P, Ramachandran V, Sudhan A "Design of Single Stage Adaptive Kanban System Using Moga Approach" (IRJGES) ISSN : 2456-172X | Volume7, Issue1 (March 2022 - May 2022) | Pages 77-89
5. Meenatchisundaram P, Gangadharan T, Ramachandran V, Saravanan S, ArunPrabhakaran M "Characterization of Diamond Like Carbon (Dlc) Coatings by Pulsed Magnetron Sputtering for Cutting Tool Applications" ISSN: 2454-1435 Volume 6 Issue 4, January – March 2021 - www.ijrmmae.in – Pages 49-65
6. K.Thavasilingam, V.Ramachandran, "A Review and Investigation on Carbon Fiber with Hybrid Nano Composites" International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.28 (2015)

Details of Conference attended: 2

1. 3rd international conference on "Recent Advances and Innovations in Science, Engineering, Technology and Management (iCRAISETM-2025)"
2. International conference on "Emerging Trends in Science , Engineering, and Technology (ICETSET-2K23)"