


## FACULTY PROFILE

Name	:	C.M.VIVEK	
Designation	:	Assistant Professor (SS)	
Department	:	Mechanical Engineering	
Educational Qualification	:	M.Tech , (Ph.D)	
Experience	:	9 Years	
Subject of Interest	:	Gasification, Manufacturing Process Corrosion	
Publications	:	<ul style="list-style-type: none"> <li>• <b>Bio Energy Sources for Sustainable Development: Affordable and Clean Energy Goal in India</b>, <i>A Sustainable Green Future: Perspectives on Energy, Economy, Industry, Cities and Environment</i>, 2023, pp. 561–573</li> <li>• <b>Experimental analysis of Briquetted cashew shell and tamarind seed as source of bio energy generation</b>, <i>E3S Web of Conferences</i>, 2023, 405, 02025</li> <li>• <b>ANFIS Prediction Using Neuro-Fuzzy Model of Experimental Study on Concentric Tube Heat Pipe Heat Exchanger Using Acetone</b>, <i>Lecture Notes in Mechanical Engineering</i>, 2023, pp. 613–626</li> <li>• <b>Investigating the Effect of Producer Gas in Pipelines of Downdraft Gasifier</b>, <i>Solid State Phenomena</i>, 2022, 338, pp. 49–53</li> <li>• <b>Performance Analysis of Methanol in Heat Pipe Heat Exchanger-An Experimentation and Numerical study using ANFIS</b>, <i>Journal of Physics: Conference Series</i>, 2022, 2272(1), 012021</li> <li>• <b>Experimental and numerical study using ANFIS - neuro fuzzy model on heat pipe heat exchanger</b>, <i>Materials Today: Proceedings</i>, 2022, 62, pp. 2152–2162</li> <li>• <b>Evaluation of course outcome attainment of engineering course with traditional, blended and flipped classroom approaches</b>, <i>Education and Information Technologies</i>, 2021, 26(2), pp. 2225–2231</li> <li>• <b>Recent strategies and trends in implanting of renewable energy sources for sustainability - A review</b>, <i>Materials Today: Proceedings</i>, 2021, 46, pp. 8204–8208</li> <li>• <b>Investigating the fracture behaviour of carburized and carbonitrided 16MnCr5</b>, <i>IOP Conference Series: Materials Science and Engineering</i>, 2020, 764(1), 012004</li> <li>• <b>Design and fabrication of ergonomic hedge trimming machine with angle adjustment</b>, <i>International Journal of</i></li> </ul>	

		<p><i>Scientific and Technology Research</i>, 2020, 9(2), pp. 983–986</p> <ul style="list-style-type: none"> <li>• <b>Influence of Activity based Assessment in Outcome-based Education</b>, <i>Test engineering and management</i>, 2019 (81)</li> <li>• <b>Computational Analysis and Optimization of Spiral Plate Heat Exchanger</b>, <i>Journal of applied fluid mechanics</i>, 2018 11/ Special issue</li> </ul>
Awards and Achievements	:	<b>Young Researcher award</b> from The Institution of Engineers, (India), Thanjavur Local Centre - 2022
GoogleScholar Link	:	<a href="#">Google Scholar Link</a> <a href="#">Scopus Profile</a>
Conferences/FDP/Seminars/ Workshops attended	:	Conferences: 10 FDP Attended: 10 Workshops: 8
ContactAddress	:	C.M.Vivek , Assistant Professor (SS), Department of Mechanical Engineering, Periyar Maniammai Institute of Science and Technology, Thanjavur. Ph no : + 9123599312 Email : <a href="mailto:vivekintense@pmu.edu">vivekintense@pmu.edu</a>