



School of Mechanical Engineering

Faculty Profile (to be uploaded in Website)

Name	:	Dr Arivarasu M			
Educational Details <i>[Chronological order to be followed]</i>		Degree	University	Year of Passing	Specialization
	:	Ph.D.	Vellore Institute of Technology	2015	Mechanical
		M.E. / M.Tech.	Anna University	2012	CAD/CAM
		B.E. / B.Tech.	University of Madras	2003	Mechanical
Designation	:	Associate professor			
Areas of Specialization [Specify a max. of 5 areas]	:	Additive Manufacturing, High Entropy Alloys, Thermal Spray coatings, High Temperature Corrosion, Tribology			
ORCID ID	:	https://orcid.org/0000-0002-7522-6130			
Scopus ID	:	SCOPUS ID	h index	:	15
Google Scholar ID	:	Google Scholar	i10 index	:	26
Ph.D. Guidance		Ongoing	:	3	Completed
			:		4
Funded Projects (Ongoing) – National and International	:	<ul style="list-style-type: none"> • Development of coating parameters for two-source evaporation to create sequentially deposited EBC coatings by application of EB-PVD technology (International) INDO-POLAND 			
Funded Projects (Completed) – National and International	:	-			
Consultancy Projects (Ongoing)	:	<ul style="list-style-type: none"> • Product life determination of alumina glass composites used for rice polishing by accelerated Al₂O₃ Erosion testing- Saint Gobain R&D 			
Consultancy Projects (Completed)	:	<ul style="list-style-type: none"> • Improving the fatigue life of API (X70) line pipe steel weld joint by Laser Shock Peening, TATA Steel R&D • High -Temperature Corrosion Testing Equipment Development & Testing - FLSMIDTH R&D • Analyzing sigma phase precipitation in heat resistant alloy under various heat treatment conditions- FLSMIDTH R&D • Failure Analysis for pull rod premature failure in ATOX 27.5 Line 3 Coal mill - FLSMIDTH R&D • Analysing the abrasive wear resistance of various high chrome steels- FLSMIDTH R&D • Metallurgical Investigations on Various Alloys Subjected to Resin and Vitreous Bonded Grinding Wheels - Saint Gobain R&D 			
Chapters / Monographs Published	:	<ul style="list-style-type: none"> • Hot Corrosion of Weldments, 2016, Intech open, ISBN 978-953-51-2508-2 • Hot Corrosion of Superalloys in Boilers for Ultra-Supercritical Power Plants, 2018, Intech Open, ISBN978-1-78923-539-5 			