



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

NAME		Dr.ISARAVANAN				
DESIGNATION		PROFESSOR				
DEPARTMENT		MECHANICAL ENGINEERING				
MAIL ID	isaravanan.mech@adhi.edu.in		CONTACT NO	9841444418		
EDUCATIONAL QUALIFICATION						
Category	Name of the degree	Specialization	Year of Passing	Name of the College	Name of the University	
UG	B.E	Mechanical Engineering	2001	MNMJEC	MADRAS UNIVERSITY	
PG	M.E	Manufacturing Engineering	2002	ANNAMALAI UNIVERSITY	ANNAMALAI UNIVERSITY	
PhD	Doctorate of Philosophy	Mechanical & Materials Engineering	2016	ANNA UNIVERSITY CEG CAMPUS	ANNA UNIVERSITY	
PROFESSIONAL EXPERIENCE						
Name of the College		Designation	Joining Date	Relieving Date	Experience	
					Years	Months
					Days	
Total					14	0
Areas of Interest/ Specialization			Materials and Tribology			
NO.OF PAPER PUBLISHED			6			
Journal			6			
Top 5 International Journals Published			<ul style="list-style-type: none"> • I. Saravanan et.al, Optimization of wear parameters and their relative effects on TiN coated surface against Ti6Al4V alloy Materials and Design, 2015 67, 469-482 • I.Saravanan et.al, A study of frictional wear behavior of 			



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	<p>Ti6Al4V and UHMWPE hybrid composite on TiN surface for bio-medical applications, Tribology International 98(2016)179–189</p> <ul style="list-style-type: none"> • I.Saravanan et.al Optimization of wear parameters and their relative effects on TiN coated surface against Ti6Al4V alloy, Materials and Design volume 92, 15 February 2016, Pages 23-35 • I.Saravanan et.al, Wear behavior of γ-irradiated Ti6Al4V alloy sliding on TiN deposited steel surface, Tribology International 93, 451-463 • I.Saravanan et.al, Wear study of cross linked UHMWPE hybrid composite-TiN interface, Surfaces and Interfaces 4, 42-50 • I.Saravanan Dry Sliding Wear Behavior of Ti6Al4V and TaN against TiN Deposited Steel Surface, Journal of Materials Science and Chemical Engineering 3 (07), 202
NO. OF CONFERENCES ATTENDED	10
NO. OF WORKSHOP ATTENDED	25
NO. OF EVENT ORGANIZED	5
PROJECTS GUIDED	20
❖ UG Level	10
❖ PG Level	15
❖ PhD	5 ongoing
Administrative Assignments:	Established a Institute Sponsored Surface Engineering Research Laboratory for Research and Consultancy works
Membership of Reputed Bodies: (District/State/National/International Level)	1
Patent	Applied for a Patent, Titled " IRRADIATION ON RARE EARTH METALS REINFORCED MAGNESIUM ALLOYS ". Application No: 201841047301-Intellectual Property Rights.