




## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

<b>NAME</b>	<b>Dr.LSARAVANAN</b>	
<b>DESIGNATION</b>	<b>PROFESSOR</b>	
<b>DEPARTMENT</b>	<b>MECHANICAL ENGINEERING</b>	

<b>MAIL ID</b>	<b>isaravanan.mech@adhi.edu.in</b>	<b>CONTACT NO</b>	
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### 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
<b>Total</b>				<b>14</b>	<b>0</b>	<b>22</b>

<b>Areas of Interest/ Specialization</b>	Materials and Tribology
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<b>NO.OF PAPER PUBLISHED</b>	<b>6</b>
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<b>Journal</b>	<b>6</b>
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<b>Top 5 International Journals Published</b>	<ul style="list-style-type: none"><li>• <b>I. Saravanan</b> et.al, Optimization of wear parameters and their relative effects on TiN coated surface against Ti6Al4V alloy Materials and Design, 2015 67, 469-482</li><li>• <b>I.Saravanan</b> et.al, A study of frictional wear behavior of</li></ul>
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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"> <li>• <b>I.Saravanan</b> 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</li> <li>• <b>I.Saravanan</b> et.al, Wear behavior of <math>\gamma</math>-irradiated Ti6Al4V alloy sliding on TiN deposited steel surface, Tribology International 93, 451-463</li> <li>• <b>I.Saravanan</b> et.al, Wear study of cross linked UHMWPE hybrid composite-TiN interface, Surfaces and Interfaces 4, 42-50</li> <li>• <b>I.Saravanan</b> Dry Sliding Wear Behavior of Ti6Al4V and TaN against TiN Deposited Steel Surface, Journal of Materials Science and Chemical Engineering 3 (07), 202</li> </ul>
<b>NO. OF CONFERENCES ATTENDED</b>	<b>10</b>
<b>NO. OF WORKSHOP ATTENDED</b>	<b>25</b>
<b>NO. OF EVENT ORGANIZED</b>	<b>5</b>
<b>PROJECTS GUIDED</b>	<b>20</b>
❖ UG Level	<b>10</b>
❖ PG Level	<b>15</b>
❖ PhD	<b>5 ongoing</b>
<b>Administrative Assignments:</b>	<b>Established a Institute Sponsored Surface Engineering Research Laboratory for Research and Consultancy works</b>
<b>Membership of Reputed Bodies: (District/State/National/International Level)</b>	<b>1</b>