




## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

|   |                                    |                                    |  |   |                               |               |             |
|---|------------------------------------|------------------------------------|--|---|-------------------------------|---------------|-------------|
| <b>NAME</b>                                   |                                    | <b>Dr.I.SARAVANAN</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>  | <b>9841444418</b>   |                               |               |             |
| <b>EDUCATIONAL QUALIFICATION</b>              |                                    |                                    |  |   |                               |               |             |
| <b>Category</b>                               | <b>Name of the degree</b>          | <b>Specialization</b>              | <b>Year of Passing</b>   | <b>Name of the College</b>  | <b>Name of the University</b> |               |             |
| 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               |               |             |
| <b>PROFESSIONAL EXPERIENCE</b>                |                                    |                                    |  |   |                               |               |             |
| <b>Name of the College</b>                    |                                    | <b>Designation</b>                 | <b>Joining Date</b>  | <b>Relieving Date</b>   | <b>Experience</b>             |               |             |
|   |                                    |                                    |  |   | <b>Years</b>                  | <b>Months</b> | <b>Days</b> |
| <b>Total</b>                                  |                                    |                                    |  |   | <b>14</b>                     | <b>0</b>      | <b>22</b>   |
| <b>Areas of Interest/ Specialization</b>      |                                    |                                    | Materials and Tribology  |   |                               |               |             |
| <b>NO.OF PAPER PUBLISHED</b>                  |                                    |                                    | <b>6</b>   |   |                               |               |             |
| <b>Journal</b>                                |                                    |                                    | <b>6</b>   |   |                               |               |             |
| <b>Top 5 International Journals Published</b> |                                    |                                    | <ul style="list-style-type: none"> <li>• 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</li> <li>• I.Saravanan 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>   |
| ❖ <b>UG Level</b>  | <b>10</b>   |
| ❖ <b>PG Level</b>  | <b>15</b>   |
| ❖ <b>PhD</b>   | <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:<br/>(District/State/National/International Level)</b> | <b>1</b>  |