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<b>Educational Qualifications</b>	<b>DEGREE</b>	<b>EDUCATIONAL INSTITUTION</b>	<b>BOARD/ UNIVERSITY</b>	<b>YEAR</b>
	Ph.D. (Mechanical-Industrial Engg)	Anna University	Anna University	Pursuing
	M.E. (CAD/CAM)	Mookambigai College of Engg	Anna University	2015
	B.E.(Mechanical)	Periyar Maniammai University	Periyar Maniammai University	2013
	Diploma in Mechanical Engg	Vandayar Polytechnic College	DOTe	2009
<b>Professional Experience</b>	<b>Organization</b>	<b>Designation</b>	<b>Date of Joining</b>	<b>Duration of work</b>
	Sir Issac Newton College of Engineering and Technology	Assistant Professor & Placement Officer	01.08.2024	1M-29D
	Arifa Institute Of Technology	Assistant Professor & Placement Officer	01.02.2024	5M-30D
	Anjalai Ammal Mahalingam Engineering College	Assistant Professor	04.07.2016	7Y-5M-27D
	Periyar Maniammai University	Teaching Assistant	05.06.2015	2Y-1M-13D
	Periyar Maniammai University	Assistant Professor	15.05.2015	1Y-12D
	FAG Bearing India Limited	Mechanical Engg (Vibration Analysis)	14.07.2008	1Y-1M-5D
<b>Journal Publications</b>	<ul style="list-style-type: none"> <li>❖ <b>“Performance study of Electrochemical Micromachining of Al7075/Al2o3 Composite”</b>,”International Research journal of Engineering and Technology (IRJET)”. Volume (11) Issue04, April 2024</li> <li>❖ <b>”Experimental Investigation of Aluminium –Zinc with Graphene Composite Materials by using Pin-fin Apparatus.”</b> “International Journal of Multidisciplinary Research Transactions.” Volume (5) Issue 6, 2023</li> </ul>			

	<ul style="list-style-type: none"> <li>❖ <b>Experimental Investigation of Disc Brake using Al-Ni-Cr Composite Materials.” “International Journal of Multidisciplinary Research Transactions.”</b> Volume (5) Issue 6, 2023</li> </ul>
<p><b>Paper presented in Conferences</b></p>	<ul style="list-style-type: none"> <li>❖ 3<sup>rd</sup> International Hybrid Conference on Advance in Automobile, Manufacturing and Mechanical Engineering ( ICAAMME’24) in Easwari Engineering College, Chennai ” <b>Tribological Behavior of Mg AZ9Td Nano Hybrid Composites at High Temperature.</b></li> <li>❖ 3<sup>rd</sup> International Conference on “Intellectual Research in Science, Engineering and Management (ICIRSEM 2023)” in ST. Joseph’s college of Engineering and Technology, Thanjavur, <b>Experimental Investigation of Aluminium –Zinc with Graphene Composite Materials by using Pin fin Apparatus.</b></li> <li>❖ 3<sup>rd</sup> International Conference on “Intellectual Research in Science, Engineering and Management (ICIRSEM 2023)” in ST. Joseph’s college of Engineering and Technology, Thanjavur, <b>Experimental Investigation of Disc Brake using Al-Ni-Cr Composite Materials.</b></li> <li>❖ International Conference on “Intellectual Research in Science, Engineering and Management (ICIRSEM 2022)” in ST. Joseph’s college of Engineering and Technology, Thanjavur, <b>Analysis Of Increase In Efficiency Of IC Engine By Electric Super Charger For Two Wheeler.</b></li> <li>❖ <b>Experimental Investigation of Microstructure and properties of ( TI-6Al-4V) using metal Matrix composites</b> 2nd International Conference on Intellectual Research in science engineering and Management (ICIRSEM 2022)</li> <li>❖ National Level Conference on “<b>Emerging Trends in Mechanical Engineering (ETME2022)</b>” in Kings College of Engineering, Punalkulam, and Thanjavur</li> <li>❖ <b>Design and Analysis of Light weighted chassis,</b> International Conference on Advance Innovation in Technologies (AIT 2021)</li> <li>❖ <b>Smart Supply Chain in Industry4.0:ResearchTrendsAnd Challenges (TCE-2019)</b></li> </ul>
<p><b>Publication of patents</b></p>	<ul style="list-style-type: none"> <li>❖ <b>“A biodegradable and water repellent based coating material for packing application and preparation”</b> Indian Innovation, Patent No: 202341052665 dated 01.09.202.</li> <li>❖ <b>“Additive Manufactured Hybrid Automotive Dashboard using Polyethylene blended with ABS”</b> Indian Innovation, Patent No : 202341072817 Dated 19.01.2024</li> <li>❖ <b>“Design of stability mechanism and emergency control of power system with wind power integration”</b> Indian Innovation Patent No : 202441019700 Dated 29.03.2024</li> </ul>
<p><b>IIT Bombay Programmes</b></p>	<ul style="list-style-type: none"> <li>❖ <b>“Python”</b> faculty development programme organized by Anjalai Ammal Mahalingam engineering College with course material provided by spoken tutorial project, IIT Bombay4-05-23 to 15-05-23</li> <li>❖ <b>“LaTex”</b> faculty development programme organized by Anjalai Ammal Mahalingam engineering College with course material provided by spoken tutorial project ,IIT Bombay1-11-21 to 15-11-21</li> <li>❖ <b>“Moodle Learning Management system”</b> faculty development programme organized by Anjalai Ammal Mahalingam engineering College with course material provided by spoken tutorial project IIT Bombay 1-06-21 to 14-06-21</li> <li>❖ <b>“Open FOAM”</b> faculty development programme organized by Anjalai Ammal</li> </ul>

	<p>Mahalingam engineering College with course material provided by spoken tutorial project ,IIT Bombay 14-12-20 to 26-12-20</p> <ul style="list-style-type: none"> <li>❖ <b>“Introduction to Computers”</b> faculty development programme organized by Anjalai Ammal Mahalingam engineering College with course material provided by spoken tutorial project ,IIT Bombay 1-1-20 to 30-6-20</li> </ul>
<p><b>Academic Areas Of Interest</b></p>	<ul style="list-style-type: none"> <li>❖ Computer aided Design and manufacturing</li> <li>❖ Robotics &amp; Automation</li> <li>❖ Automobile Engineering</li> <li>❖ Maintenance Engineering</li> <li>❖ Engineering Materials and Metallurgy</li> <li>❖ Computer Integrated Manufacturing</li> <li>❖ Production Planning and control</li> <li>❖ Python</li> </ul>
<p><b>Administrative Capabilities</b></p>	<ul style="list-style-type: none"> <li>❖ Placement Officer ( 2023-24)</li> <li>❖ NAAC &amp; NBA Department Coordinator</li> <li>❖ Admission Cell Coordinator–(2019-20,2021-22)</li> <li>❖ Department Placement In-charge</li> <li>❖ IIT Bombay (Spoken Tutorial) Department In-charge</li> <li>❖ NDLI Club Department In-charge</li> <li>❖ Class In-charge</li> <li>❖ Hostel Warden(2016-17)</li> </ul>
<p><b>Training programmes</b></p>	<ul style="list-style-type: none"> <li>❖ “Water Management Strategies for sustainable Future “ Organized by Centre for clean Environment (CCE) &amp; Centre for Disaster Mitigation &amp; Management (CDMM),Vellore Institute of Technology (VIT) Vellore on March 22,2024</li> <li>❖ Effective Use of Virtual Labs held on 13-09-2023, VALUE @ Amrita, Amrita Vishwa Vidyapeetham.</li> <li>❖ CFD-Turbulence Workshop Program in Anjalai Ammal-Mahalingam Engineering College,</li> <li>❖ Training Program about Finite Element Analysis (FEA) and Computational Fluid Dynamics (CFD) By Using Ansys Software in Anjalai Ammal-Mahalingam Engineering College, Thiruvarur.</li> <li>❖ Participate “Five days Faculty Development programme on Thermal Engineering” at AAMEC, Kovilendi, and Thiruvarur.</li> <li>❖ One Day Workshop Program at Edison Research Center on “Basic Engine Making Technique”, Trichy.</li> <li>❖ Smart Supply Chain in Industry 4.0 - Research Trends and Challenges. scheduled during 18<sup>th</sup> March 2019 to 24<sup>th</sup> March 2019 at Thiagarajar College of Engineering (TCE) , Madurai</li> <li>❖ Computational Techniques in Heat &amp; Fluid Flow 04<sup>th</sup> Nov' 19 at SONA college of engineering Salem</li> <li>❖ Paper Presentation on the Topic “Performance and Analysis of CI Engine Using Thermal Barrier Coating” At Pattukottai Polytechnic College and Also At Periyar Maniammai University, Thanjavur.</li> <li>❖ PaperPresentationontheTopic&amp;RoboticEyeatPeriyarManiammaiUniversity, Thanjavur.</li> <li>❖ Work shop On” Led Manufacturing ”At Pmu Vallam</li> <li>❖ Workshop”Thermodynamics”At IIT,</li> </ul>