

<b>Name</b>	<b>Dr.Prawin Angel Michael</b>			<u>Designation</u> Associate Professor		
<b>Date of Joining</b>	1.04.2004					
<b>Research Areas</b>	<ul style="list-style-type: none"> <li>Nanomaterials for machinery</li> <li>Renewable Energy</li> </ul>			Email : prawin@karunya.edu Contact :9843685111		
<b>Education</b>	UG	EEE	Bharathiyar University	2002		
	PG	Power Electronics and Drives	Anna university	2004		
	PhD	Electrical Engineering	Anna university	2012		
<b>Total Experience (Years)</b>	Teaching		Industry	Research		
	18		Nil	Nil		
<b>Area of Specialization</b>	<ul style="list-style-type: none"> <li>Renewable Energy</li> <li>Hydro Projects</li> <li>Nanomaterial</li> </ul>					
<b>Research Interests</b>	<ul style="list-style-type: none"> <li>Basics of Aerospace Engineering</li> <li>Aircraft Systems</li> <li>Nanomaterial fabrication and design</li> </ul>					
<b>Subjects Teaching (3 best subjects)</b>	Under Graduate <ul style="list-style-type: none"> <li>Testing and Installation of Electrical Equipment in power stations</li> <li>Aircraft Instrumentation and Avionics</li> <li>Foundation course in Entrepreneurship</li> </ul>					
<b>No. of Papers Published</b>	Scopus	23	Web of Science	5	UGC / Others	3
<b>No. of Papers Presented in Conferences</b>	International : 24 National : 8		No. of FDPs attended:18		No. of Guest Lectures Delivered:13	
<b>Patents</b>	1. A half coil manufactured from novel composition for brushless DC motor windings with improved efficiency, 202141016081 A, 5 <sup>th</sup> April 2021 (Indian)					
<b>Research Guidance</b>	Ph.D Guidance . Completed: 2 Ongoing : 6		PG Level :5		UG Level :18	
<b>Research Grants</b>	Micro Hydel Generation at The Tailrace of Kakkad Hep with Hydrokinetic Turbines		EMC, Trivandrum		Rs.76,00,000-completed	
	Boston Children Hospital, Boston USA		Low-Cost Anesthesia Without Pain: Iontophoresis Method		Rs.84000-Completed	
	Mobile application development for secondary school students		Appsmart Pvt Ltd- Australia		Rs.10,000-Completed	
	Hybrid Energy Efficient Elevators		Selens Elevators Pvt.Ltd- Coimbatore-Tamilnadu- India		Rs.1.5 L On Going	

<p><b>Professional Memberships</b></p>	<ul style="list-style-type: none"> <li>• International Association of Engineers (109974)</li> <li>• Journal of Environmental Research and Development</li> <li>• Indian Society for Technical Education (106302)</li> <li>• Indian Association of Energy Management Professionals (IAEMP-TN-M-0021)</li> <li>• ISHRAE (Indian Society of Heating Refrigerating and Air Conditioning) membership no 34172</li> <li>• Institute for Engineering Research and Publication (IFERP) from Nov 2019 - 2020 Membership No: PMIN81250497</li> </ul>
<p><b>Consultancy Associations</b></p>	<ul style="list-style-type: none"> <li>• Boston Children Hospital, Boston USA for Low Cost Anaesthesia Without Pain: Iontophoresis Method</li> <li>• Appsmart Pty Ltd-Australia for Mobile application development for secondary school students</li> <li>• Pravin Electricals, Mumbai, India</li> <li>• Selens Elevators, Coimbatore, India</li> </ul>
<p><b>Awards / Honours</b></p>	<ul style="list-style-type: none"> <li>• Authorized faculty trainer of the NEN (National entrepreneurship Network) awarded by the Wadhwani foundation.</li> <li>• Global Jury - Platinum certificate holder for evaluating the PV's international level</li> <li>• Bronze Level certificate received from Wadhwani foundation -India.</li> <li>• Received Best Achiever Award for the Year 2016 and 2020 from Karunya University.</li> </ul>
<p><b>Department Responsibilities</b></p>	<ul style="list-style-type: none"> <li>• IQAC/NAAC/NBA/Accreditation Coordinator</li> <li>• Department Innovation Activity</li> <li>• Department Entrepreneurship Cell</li> <li>• Department Website</li> </ul>