


## FACULTY PROFILE

<b>Name of Teaching Staff / RMK ID</b>	A FAYAZ AHAMED/T0785			
<b>Designation</b>	ASSISTANT PROFESSOR			
<b>Department</b>	ELECTRICAL AND ELECTRONICS ENGINEERING			
<b>Date of Joining the Institution</b>	13.06.2013 -Regular Faculty			
<b>Qualifications</b>	B.E -EEE (Regular)	M.E-Power Electronics and Drives (Regular)	PhD (Pursuing) (Part time)	
<b>Total Experience</b>	Overall: 19.11		in RMK: 10.11	
<b>Papers Published in Journal</b>	Overall : 16		After Joining RMK :16	
<b>List of Papers Published</b>	<p>9. <a href="#">High Step Up Converter with Transformerless Inverter for Grid Integration</a> Y Sukhi, Y Jeyashree, S Anita, A Jenifer, AF Ahamed Indian Journal of Science and Technology 15 (34), 1655-1665</p> <p>10. <a href="#">Dual Axis Solar Tracking Based Standalone PV System</a> S Anita, E Elakkia, Y Sukhi, AF Ahamed, V Saicharan 2022 Fourth International Conference on Emerging Research in Electronics</p> <p>11. <a href="#">Unity Power Factor Operation for Non Linear Load Applications Using Interleaved Manitoba Rectifier</a> AF Ahamed, Y Sukhi, KS Lasya, P Karishma, M Priyankha 2022-IEEE International Interdisciplinary Humanitarian Conference for Sustainability (IIHC-2022), November 18th &amp; 19th 2022</p> <p>12. <a href="#">Battery Charger using Bi-Directional DC-DC Converter</a> Y Sukhi, Y Jeyashree, A Jenifer, AF Ahamed, E Aahimoolam 2022 3rd International Conference on Smart Electronics and Communication</p> <p>13. <a href="#">Single Stage Long Lifespan LED Driver using Resonant Converter</a> KAM JUNAID, Y SUKHI, Y JEYASHREE, AF AHAMED</p> <p>14. <a href="#">Progression of Maximum Power Point Tracking for Photovoltaic.</a> Y Sukhi, S Anita, AF Ahamed Turkish Online Journal of Qualitative Inquiry 12 (5)</p> <p>15. <a href="#">Control of Water Cooled Stator of Alternator Using PLC</a> A.Fayaz Ahamed, Mithran P, Muralidharn V, Muthuraj P P.Kumar International Journal of Innovative Research in Science,Engineering and Technology</p> <p>16. <a href="#">Remote Controlled Engine Locking System</a></p>			

	Mr.A.Fayaz Ahamed ,E.Aravind,P.Balaji, S.Bharath Kumar International Journal of Innovative Research in Science,Engineering and Technology	
<b>Papers Presented in Conferences</b> (Scopus / WoS indexed only)	Overall: 5	After Joining RMK :5
<b>Ph.Ds / Projects Guided</b>	Ph.Ds Guided :	Student Projects Guided :22
<b>Books Published:</b>	Nil	
<b>Patents</b>	Published Count :3	Granted Count :
	List : Published <ol style="list-style-type: none"> <li>1. Hybrid Micro grid Optimization Using Homer Software</li> <li>2. Smart Assistive System for Paralyzed People using Intelligent Wheelchair</li> <li>3. Web Based Smart Mailbox System</li> </ol>	
<b>Professional Memberships</b>	Count :1	
	List : MISTE	
<b>Consultancy Projects Completed</b>	Count :3	
<b>Awards Received</b>	Count : 1	
	List : Best Project Award in the Title of "Patient monitoring Systemusing IOT Technology" Presented on 3 <sup>rd</sup> September 2021 at Adhiyamaan college of Engineering, Hosur.	
<b>Research grants Received</b>	-	
<b>Orchid Link / ID</b>	ID : 0000-0003-2994-6337	
<b>Google Scholar Link / ID</b>	mUF2bucAAAAJ	

<b>Vidwan Link / ID</b>	ID : 305256
<b>Research Gate Link / ID</b>	GZK-2209-2022
<b>Scopus Link / ID</b>	ID : 57202968617