


Name of the Teaching Staff	ANITHA ANGELINE A			
Designation	ASSISTANT PROFESSOR			
Department / School	Robotics Engineering			
Date of Joining the Institution	11-Jul-2022			
Qualification with Class / Grade	UG	PG	Ph.D	
	First class with distinction (8.64)	First class with distinction (8.5)	Commendable (8.25)	
Other Qualifications	-			
Area of Specialization	Power Electronics and drives			
Research Interests	Thermoelectric Power Generation, Power generation Enhancement Techniques, Renewable Energy Technologies, Battery Thermal Management, Automation of Electrical Machines and Drives			
Subjects Teaching	Present		Previous	
	<ul style="list-style-type: none"> • Electrical Machines and Drives • Program for Problem Solving • Material Science 		<ul style="list-style-type: none"> • Basic Electrical Engineering • Power Electronics and Drives • Flexible AC Transmission System • High Voltage DC Transmission System 	

Total Experience in Years	Teaching	Industry		Research	
	2	1		6	
Papers Published	National	-		International	5
Papers Presented in Conference	National	-		International	2
Symposiums Workshops Participated	National	2		International	-
FDP / STTP / MDP / Summer / Winter School attended	-				
M.Phil. / Ph.D. Guide ship	Field			University	
	-			-	
Ph.D. Projects Guided	Ph.D.s	-	Project at Master's Level	-	
Professional Memberships	-				
Consultancy Activities	-				
Awards & Honours	-				

Grants Fetched	-
Interaction with Professional Institutions	-
Educational Details	<p>Ph.D - Fulltime - Karunya Institute of Technology and Sciences, Karunya Deemed University - June 2018 - Electrical & Electronics Engineering - CGPA 8.25 - Commendable</p> <p>M.E. – Fulltime - Easwari Engineering College, Affiliated to Anna University - April 2008 - Power Electronics & Drives - CGPA 8.5 - First Class with Distinction</p> <p>B.E. - Fulltime - Karunya Institute of Technology and Sciences, Affiliated to Bharathiar University - April 2004 - Electrical & Electronics Engineering - CGPA 8.64 - First Class with Distinction</p>
Experience	<p>Research - Karunya Institute of Technology and Sciences, Coimbatore - 2012 to 2018 – 6years - Full-Time Research Scholar</p> <p>Teaching - ARM College of Engineering and Technology, Chennai - 2008 to 2010 - Senior Lecturer</p> <p>Industry - Infosys Technologies Limited, Chennai – 2004 to 2005 - Software Engineer</p>
Contact Details	<p>Dr. ANITHA ANGELINE. A Address : No.2, Tabor Quarters Angel Garden Karunya Nagar Coimbatore – 641114. Email : anithaangeline@karunya.edu Mobile : +91 9500055741</p>

Papers presented in conferences	<p>1 Analysis of (Bi₂Te₃-PbTe) hybrid thermoelectric generator International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS) 2015</p> <p>2 Improved Unidirectional Multilevel Converter employing Cascaded d-q axis controller International Conference on Power Electronics (POWERCOIN) 2008</p>
--	--

Patents	-
Journals	<p>1 Power generation enhancement with hybrid thermoelectric generator using biomass waste heat energy Experimental Thermal Fluid Science, Vol. 85, pp. 1-12,2017 SCI(3.232)</p> <p>2 Performance analysis of (Bi₂Te₃-PbTe) hybrid thermoelectric generator International Journal of Power Electronics and Drive System, Vol. 8(2), pp. 917-925,2017 Scopus(1.984)</p> <p>3 Power generation from combusted “syngas” with hybrid thermoelectric generator and forecasting the performance with ANN technique Journal of Thermal Engineering, Vol. 4(4), pp. 2149-2168, 2018 ESCI (1.306)</p> <p>4 Performance prediction of hybrid thermoelectric generator with high accuracy using artificial neural networks Sustainable Energy Technologies and Assessments, Vol. 33, pp. 53-60,2019 SCI(5.353)</p> <p>5 Power Generation Enhancement Using Hybrid Thermoelectric Generator with Synthetic Oil Based Nanofluids Advances in Materials Research, Springer Lecture series, (pp.1165-1174), 2022 Scopus</p>
Books /Book	-
Chapters	-
Research Group Members	-