<table>
<tr><td>Name of the Teaching Staff</td><td colspan="3">ANITHA ANGELINE A</td><td rowspan="5">  </td></tr>
<tr><td>Designation</td><td colspan="3">ASSISTANT PROFESSOR</td></tr>
<tr><td>Department / School</td><td colspan="3">Robotics Engineering</td></tr>
<tr><td>Date of Joining the Institution</td><td colspan="3">11-Jul-2022</td></tr>
<tr><td rowspan="2">Qualification with Class / Grade</td><td>UG</td><td>PG</td><td>Ph.D</td></tr>
<tr><td>First class with distinction (8.64)</td><td>First class with distinction (8.5)</td><td>Commendable (8.25)</td></tr>
<tr><td>Other Qualifications</td><td colspan="4">-</td></tr>
<tr><td>Area of Specialization</td><td colspan="4">Power Electronics and drives</td></tr>
<tr><td>Research Interests</td><td colspan="4">Thermoelectric Power Generation, Power generation Enhancement Techniques, Renewable Energy Technologies, Battery Thermal Management, Automation of Electrical Machines and Drives</td></tr>
<tr><td rowspan="2">Subjects Teaching</td><td colspan="2">Present</td><td colspan="2">Previous</td></tr>
<tr><td colspan="2">Electrical Machines and Drives
Program for Problem Solving
Material Science</td><td colspan="2">Basic Electrical Engineering
Power Electronics and Drives
Flexible AC Transmission System
High Voltage DC Transmission System</td></tr>
</table>

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

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

Patents	-
Journals	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) 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) 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) 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) 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
Books /Book Chapters	-
Research Group Members	-