


### Profile of Faculty

<b>Name</b>	<i>P.Ramkumar</i>		
<b>Date of Birth</b>	<i>03.06.1985</i>		
<b>Unique ID</b>	<i>SCET20CS05</i>		
<b>Designation</b>	<i>Asst. Professor</i>		
<b>Department</b>	<i>Artificial Intelligence &amp; Machine Learning</i>		
<b>Date of Joining</b>	<i>30.11.2020</i>		
<b>Educational Qualifications</b>			
<b>UG</b>	<b>PG (specialization)</b>	<b>PhD (specialization)</b>	
<i>B.E (ICE)</i>	<i>M.E (CSE)</i>	<i>NIL</i>	
<b>Others (any other Qualification)</b>	<i>NIL</i>		
<b>Work Experience</b>	<b>Teaching</b>	<i>14</i>	
	<b>Research</b>	<i>06</i>	
	<b>Industry</b>		
	<b>Others</b>	<i>-</i>	
<b>Research Guidance</b>			
<b>No of Papers Published</b>	<b>National Journal</b>	<i>10</i>	
	<b>International Journal</b>	<i>30</i>	
	<b>Conferences</b>	<i>12</i>	
<b>Master degree</b>	<b>Completed</b>	<i>Yes</i>	
	<b>Ongoing</b>	<i>-</i>	
<b>PhD</b>	<b>Completed</b>		
	<b>Ongoing</b>	<i>Yes</i>	
<b>Projects Carried Out</b>	<ul style="list-style-type: none"> <li>➤ <i>Intrusion detection system in WSN</i></li> <li>➤ <i>Trust based detection algorithm to mitigate the attacker nodes in MANET</i></li> <li>➤ <i>Prediction of Cardiovascular Disease using Machine Learning Algorithms</i></li> <li>➤ <i>Classification of obstructive Sleep Apnea using Machine Learning algorithms</i></li> <li>➤ <i>Design of Unmanned vehicle in mining areas</i></li> </ul>		
<b>Patents</b>	<b>Filed &amp; Published</b>	<i>03</i>	
	<b>Total Granted</b>	<i>0</i>	
	<i>1. Design Patent Grant</i>	<i>0</i>	
	<i>2. International Grant</i>	<i>0</i>	
<b>Technology Transfer</b>			
<b>No. of Books publishes with details</b>			
<b>Name of the book</b>	<b>Publisher with ISBN</b>	<b>Year of Publication</b>	
<i>Operating Systems</i>	<i>Book Doula Publications</i>	<i>January 2020</i>	

<i>Self-Learning Approaches of Operating systems</i>	<i>Book Rivers</i>	<i>March 2021</i>
<i>Programming with JAVA</i>	<i>Book Rivers</i>	<i>March 2021</i>
<i>Problem solving through programming</i>	<i>Book Rivers</i>	<i>April 2022</i>
<i>Automata Theory and Computability</i>	<i>Book Rivers</i>	<i>March 2023</i>
<b>Professional Memberships</b>	➤ <i>Life Member of ISTE</i>	
<b>Consultancy Activities</b>	<i>Nil</i>	
<b>Awards</b>	<i>ASDF – Best Circuit faculty for the Year 2018</i> <i>IEI – Best Faculty Award</i>	
<b>Grants Received</b>	<ol style="list-style-type: none"> <li>1. <i>Received grant Rs. 50,000 from DRDO for organizing two days seminar on “A Recent Research Issues in Communication Networks” at National Engineering College, Kovilpatti, Tamilnadu.</i></li> <li>2. <i>Received grant Rs. 35,000 from DST for organizing two days seminar on “ Research Issues in Graph Theory Application in Mobile Ad hoc Networks” at National Engineering College, Kovilpatti, Tamilnadu.</i></li> <li>3. <i>Received grant Rs. 30,000 from CSIR for organizing a workshop on NACIPAN at National Engineering College , Kovilapatti</i></li> <li>3. <i>Received grant Rs. 3,000 from KSCST for the project titled “ Prediction of cardio vascular disease using Hybrid Machine Learning Techniques”</i></li> <li>4. <i>Received grant Rs. 3,000 from KSCST for the project titled “ An unmanned Vehicle in mining sectors”</i></li> </ol>	
<b>Other Achievements</b>	<i>NIL</i>	