


## FACULTY PROFILE

<b>Name of Teaching Staff / RMK ID</b>	Dr K Saravanan / T1076		
<b>Designation</b>	Associate Professor		
<b>Department</b>	Information Technology		
<b>Date of Joining the Institution</b>	04.07.22		
<b>Qualifications</b>	M.E	Ph.D	
<b>Total Experience</b>	Overall : 22	in RMK : 04 Months	
<b>Papers Published in Journal</b>	Overall : 22	After Joining RMK : -	
<b>List of Papers Published</b>	<p>“Early DDoS Detection and Prevention with Traced-Back Blocking in SDN Environment” 2021, <i>Intelligent Automation &amp; Soft Computing</i></p> <p>Optimized evolutionary algorithm and supervised ACO mechanism to mitigate attacks and improve performance of adhoc network, 2019, <i>Computer Communication</i>[ELSEVIER]</p> <p>An Analytical Timeout Interval based Buffer Allocation Using Dynamic Adaptive Routers for QOS in Network, 2019, <i>JARDCS</i></p> <p>Recolored Image Detection Using Deep Convolutional Neural Networks, 2019, <i>JASC</i></p> <p>A Novel Big Data Based Security Analytics Approach for Concept-Based Mining Model in Cloud Computing, 2018, <i>IJSR</i></p> <p>A Study On Rescue Strategy Analysis For Disaster Management, 2018, <i>IJPAM</i></p> <p>A Review On Recommendation Systems For Data Analytics, 2017, <i>IJPAM</i></p> <p>ETSI: Efficient Task Scheduling in Internet of Things, 2017, <i>IJPAM</i> [International Journal of Pure and Applied Mathematics]</p> <p>Secure And Card Less Finger Print Based Android Application For Shopping And Bill Payments, 2017, <i>IJCRCST</i></p> <p>Multi Agent based Page Ranking Algorithm for Personalized Web</p>		

	<p>Search with Query Optimization, 2016, AJRSSH</p> <p>Graph Based Optic Disc Detection with Multi Threshold Segmentation using K-Means Clustering for Retinopathy Classification, 2016, AJRSSH[Asian Journal of Research in Social Sciences and Humanities]</p> <p>Load Balancing with Priority Based Buffer Management on Adaptive Routers, 2015, SSRG-IJECE</p> <p>Scheduling Based Priority Buffer Management on Adaptive Routers. 2014, AJBS[Australian Journal of Basic and Applied Sciences]</p> <p>Service Oriented Real-Time Buffer Management for QoS On Adaptive Routers, 2013, JTAIT[Journal of Theoretical and Applied Information Technology]</p> <p>Buffer Pocketing and Pre-Checking on Buffer Utilization. 2012, JCS[Journal of Computer Science]</p> <p>Auxiliary Buffer Based Router Architecture for High End Traffic Behavior, 2011, EJSR[European Journal of Scientific Research]</p>	
<b>Papers Presented in Conferences</b> (Scopus / WoS indexed only)	Overall : 02	After Joining RMK :-
<b>Ph.Ds / Projects Guided</b>	Ph.Ds Guided :	Student Projects Guided : 25
<b>Books Published :</b>	Count :01	
	List :Object Oriented Software Engineering	
<b>Patents</b>	Published Count :	Granted Count :
	List : -	
<b>Professional Memberships</b>	Count :02	
	Member in ""International Association of Engineer""(IAENG). Membership Number: 119085 • Member in "Computer Science Teachers Association" (CSTA). Membership Number: 3128548	
<b>Consultancy Projects Completed</b>	Count :	
<b>Awards Received</b>	Count :01	
	This is to certify that K Saravanan has attended and successfully completed the assessment for Internal Auditor Training Course on Quality Management System	

<b>Research grants Received</b>	
<b>Orchid Link / ID</b>	ID : 0000-0002-3820-8857
<b>Google Scholar Link / ID</b>	ID : <a href="https://myaccount.google.com/?hl=en">https://myaccount.google.com/?hl=en</a>
<b>Vidwan Link / ID</b>	ID : 302656
<b>Research Gate Link / ID</b>	U-6050-2017
<b>Scopus Link / ID</b>	ID :