


## FACULTY PROFILE

Name of Teaching Staff / RMK ID	Dr. P. UMAESWARI / T1093			
Designation	Associate Professor			
Department	Computer Science and Business Systems			
Date of Joining the Institution	08.08.2022			
Qualifications	MCA	M.Phil (CS)	ME(CSE)	Ph.D(CSE)
Total Experience	Overall : 16.4 Years		in RMK : 1 Year	
Papers Published in Journal	<b>Overall : 16</b> Scopus - 07    Others - 09		After Joining RMK : 03	
List of Papers Published	<p><b>Scopus - 07</b></p> <ol style="list-style-type: none"> <li>1. <b>Development of Programmed Autonomous Electric Heavy Vehicle: An Application of IoT</b>, Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems, ICEARS 2023, pp. 506–510, 2023.</li> <li>2. <b>Effective Security Algorithms for Big Data Clouds</b>, Lecture Notes in Networks and Systems, 522, pp. 539–548, 2023.</li> <li>3. <b>Machine Learning Based Predicting the Assisted Living Care Needs</b>, Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022, pp. 2141–2146, 2022.</li> <li>4. <b>Enhanced performance in detecting phishing website based on proficient component based machine learning</b>, AIP Conference Proceedings 2393, 020021, <a href="https://doi.org/10.1063/5.0074299">https://doi.org/10.1063/5.0074299</a>, 2022.</li> <li>5. <b>Local train ticketing system using web services</b>, AIP Conference Proceedings 2393, 020022, <a href="https://doi.org/10.1063/5.0074301">https://doi.org/10.1063/5.0074301</a>, 2022.</li> <li>6. <b>Classification and prediction of cancer using data mining</b>, AIP Conference Proceedings, 2393, 020024, 2022.</li> <li>7. <b>Security and privacy issues in cloud computing</b>, International</li> </ol>			

Journal of Applied Engineering Research, 9(24), pp. 27879–27893, 2014.

**Others – 09**

**1.A Deep Learning Cyber Security Algorithm For P2P File Sharing In Internet Community**, Journal of Pharmaceutical Negative Results, Vol. 13, Issue. 10, 2022.

**2.A Deep Learning Based Smart Agriculture Technique For An IOT Environment**, Journal of Pharmaceutical Negative Results, Vol. 13, Issue. 10, 2022.

**3.Strategic management accounting practices between developed and emerging economies using Machine Learning**, Journal of Pharmaceutical Negative Results, Vol. 13, Issue.9, 2022.

**4.Multilevel Security System for Big Data Cloud Using SDBS Algorithm**, International Journal of TEST Engineering & Management, ISSN: 0193-4120, Vol. 83, pp. 13363-13370, 2020.

**5.Fabrication of Automatic Over Speed Control System in Educational Institution Zone Area**, Tierärztliche Praxis, ISSN: 0303-6286, Vol.39, Issue 10, 2019.

**6.Three Level Security System for Multiple Users in Cloud Computing”** International Journal of Control Theory and Applications, ISSN: 0974-5572, Vol.10, No.12, pp.183-193, 2017.

**7.Cryptographic Security System for Institutional Data Cloud**, International Journal of Control Theory and Applications, ISSN: 0974-5572, Vol.10, No. 16, pp.407-415, 2017.

**8.Achieving Secure Data Access in Cloud Computing**, Middle East Journal of Scientific Research (Sensing, Signal Processing and Security), ISSN: 1990-9233, Vol.23, pp. 263- 269, 2015.

**9.Effective Authentication using OTP (One Time Password) and SHA (Secure Hash Algorithm) in Big-Data and Clouds**, International Journal of Printing, Packaging & Allied Sciences,

	ISSN: 2320-4387, Vol.4, No.1, pp. 547-559, 2016.	
<b>Papers Presented in Conferences</b> (Scopus / WoS indexed only)	Overall : NIL	After Joining RMK : NIL
<b>Ph.Ds / Projects Guided</b>	Ph.Ds Guided : NIL	Student Projects Guided : UG – 15 Batches PG – 50 Batches
<b>Books Published :</b>	Count : 5	
	List : 1. <b>Computer Networks</b> in Alpha International Publication (AIP), ISBN No. 978-93-95978-54-5, 2022. 2. <b>Network Security</b> in VR1 Publications, ISBN No. 978-93-91332-23-5, 2022 3. <b>Office Automation</b> in VR1 Publications, ISBN No. 978-93-91332-15-0, 2021. 4. <b>Web Technology</b> in Charulatha Publications, ISBN No.978-93-90614-34-9, 2021. 5. <b>Visual Basic and Relational Database Management System</b> in Charulatha Publications, ISBN No.978-93-89970-27-2, 2020.	
<b>Patents</b>	Published Count : 2	Granted Count : NIL
	List : 1. Advances in Internet of Things (IoT) Network Security through Automated Device Identification. <b>Application Number:</b> 202241059311 published on 28.10.2022 2. An investigation into how artificial intelligence techniques are being used in the financial and marketing sector. <b>Application Number:</b> 202241061016 published on 18.11.2022	
<b>Professional Memberships</b>	Count : 4	
	List : 1. <b>Life Member of Indian Academic Researchers Association</b> , Membership number: 822/2022. 2. <b>Life Member of Knowledge Research Academy</b> , Membership number: 1884, since May, 2022. 3. <b>Member of International Association of Academic Plus Corporate</b> , Membership number: FRT JQC-CE00302. 4. <b>Life Member of Indian Society for Technical Education</b> , Membership number: LM 136317.	

<b>Consultancy Projects Completed</b>	<p>Count :1  <b>Title of the project :</b> Website Development and Website Maintenance.  <b>Name of the Client Organization with address:</b> Sri Chakaravarthe Industries, Ambattur- 600053.  <b>Duration :</b> 12.09.2022 - 16.02.2023  <b>Amount:</b> 51,000</p>
<b>Awards Received</b>	<p>Count :2  List :  1. <b>Best Faculty Award</b> from International school of Technology and Sciences on 5<sup>th</sup> Sep 2022.  2. <b>Best Faculty Award</b> from Indian Academic Researchers Association, MSME Udyam Reg. No. UDYAM-TN-27-0040698, Government of India at Mahalashmi Women's College of Arts and Science, Avadi, Chennai-600 071 on Sunday 13th August 2023.</p>
<b>Research grants Received</b>	NIL
<b>Orchid Link / ID</b>	ID : <b>0000-0003-2870-6403</b>
<b>Google Scholar Link / ID</b>	ID : <b>IeQM4jQAAAAJ</b>
<b>Vidwan Link / ID</b>	ID : <b>300460</b>
<b>Research Gate Link / ID</b>	ID : <b>GYV-4075-2022</b>
<b>Scopus Link / ID</b>	ID : <b>57723112500</b>