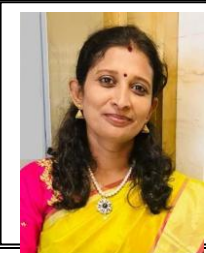


FACULTY PROFILE

Name of Teaching Staff / RMK ID	Dr G Vasukidevi / T1157		
Designation	Associate Professor		
Department	Computer Science and Engineering		
Date of Joining the Institution	01.08.2024		
Qualifications	M.E (CSE)	Ph.D	
Total Experience	Overall: 20 Years		in RMK: -
Papers Published in Journal	Overall: 22		After Joining RMK: -
List of Papers Published	<ol style="list-style-type: none"> 1. Vasukidevi G, 2022, 'BBSSE: Blockchain-Based Safe Storage, Secure Sharing and Energy Scheme for Smart Grid Network', Wireless Personal Communications https://doi.org/10.1007/s11277-021-08406-2, Impact factor: 1.954. 2. Vasukidevi G, 2022, 'Blockchain Based Key Exchange Mechanism for Cloud Storage', Cybernetics and Systems. 3. Vasukidevi G, 2022, 'Audio Segmentation Techniques and Applications Based on Deep Learning', Scientific Programming, Vol 2022. 4. Vasukidevi G, 2024, 'Automatic Classification of Railway Complaints using Machine Learning' E3S Web of Conferences. 5. Vasukidevi G, 2023, 'Efficient Data Encryption and Signature Generation Scheme for Resource-Constrained IoT Environments', 7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 – Proceedings. 6. Vasukidevi G, 2023, 'An Optimized Security Framework for Global IoT Communication using Software-Defined Networking (SDN) in Adversarial Environments', 7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 – Proceedings. 7. Vasukidevi G, 2022, 'Real Time Conversion of American Sign Language to text with Emotion using Machine Learning', IEEE conference Proceedings. 8. Vasukidevi G, 2022, 'Energy-Saving Technique in Smart Grid Through Machine Learning', MysuruCon 2022 - 2022 IEEE 2nd Mysore Sub Section International Conference. 9. Vasukidevi G, 2022, 'A Real- Time Machine learning based cloud computing Architecture for Smart Manufacturing', Proceedings - International Conference on Applied Artificial Intelligence and Computing, ICAAIC 		

	<p>2022, 2022, pp. 562–565.</p> <ol style="list-style-type: none"> 10. Vasukidevi G, ‘Lung cancer prediction model using machine learning techniques’, International Journal of Health Sciences, https://doi.org/10.53730/ijhs.v6nS2.8306, Impact Factor: 2.96. 11. Vasukidevi G, 2022, ‘COVID tweet analysis using NLP’, International Journal of Health Sciences, https://doi.org/10.53730/ijhs.v6nS3.8314, Impact factor: 2.96. 12. Vasukidevi G, 2021, ‘Efficient Image Classification for Alzheimer’s Disease Prediction Using Capsule Network’, Annals of the Romanian Society for Cell Biology, Volume 25: Issue 5 13. Vasukidevi G, 2020, ‘A Systematic plan of Blockchain Technology on Security Key’, International Journal of Engineering Research & Technology (IJERT), Vol. 9 Issue 02. 14. Vasukidevi G, 2020, ‘Reinforce Certificate Renouncement Utilizing Clustering Approach For Manet’, Psychology and Education, Volume 57, Issue 9, 2682 – 2687. 15. Vasukidevi G, 2020, ‘Security Providers On Blockchiains – A State of Survey Article’, International Journal of advanced science and technology, Volume 29, Issue 3, 15021 – 15028. 16. Vasukidevi G, 2017, ‘A Survey on Security and Key Management in VANET’, IJRST –International Journal for Innovative Research in Science & Technology Volume 3 Issue 08 January 2017 ISSN (online): 2349-6010 17. Vasukidevi G, 2021, ‘ESP 32 CAMERA MOTION ALERT & SENDS IMAGE TO TELEGRAM’, National Conference on Communication and Signal Processing. 18. Vasukidevi G, 2021, ‘An Analytic report on Extracted Tweets using Python's Text Blob Approach’, National Conference on Communication and Signal Processing. 19. Vasukidevi G, 2022, ‘A real-time machine learning based cloud computing architecture for smart manufacturing’, Proceedings - International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2022. 20. Vasukidevi G, 2017, ‘A Survey on Security and Key Management in VANET’, IJRST –International Journal for Innovative Research in Science & Technology. 21. Vasukidevi G, 2022, ‘Assessing An Advanced Energy Saving Mechanism with Machine Learning Algorithm’, Journal of Optoelectronics Laser. 22. Vasukidevi G, 2022, ‘Efficient key management techniques for secured peer to peer communication’, International Journal of advanced science and technology. 	
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 7	After Joining RMK : Nil
Ph.Ds / Projects Guided	Ph.Ds Guided : Nil	Student Projects Guided : 24
Patents	Published Count : 04	Granted Count : Nil

	<p>List :</p> <ol style="list-style-type: none"> 1. SOCIAL DISTANCE ALERTING INTERNET OF THINGS CONNECTED ROBOTIC DEVICE 2. A SYSTEM FOR DIGITAL CONTENT VERIFICATION USING BLOCKCHAIN TECHNOLOGY AND METHOD THEREOF 3. A SYSTEM OF FACILITATING COMMUNICATION BETWEEN A BASE STATION AND A TERMINAL STATION USING CORRELATION OF DELAYED SIGNALS 4. DESIGN OF A COLLAPSIBLE AND PORTABLE LACTATION MODULE FOR MOTHERS
Professional Memberships	Count : 02
	List : IAENG, ISTE
Consultancy Projects Completed	Count : 03
Orcid Link / ID	ID : 0000-0003-4851-1080
Google Scholar Link / ID	https://scholar.google.com/citations?user=mTV-rbQAAAAJ&hl=en
Vidwan Link / ID	ID : 299869
Research Gate Link / ID	-
Scopus Link / ID	ID : 57222657121