


FACULTY PROFILE

Name of Teaching Staff / RMK ID	Dr. R. Chithambaramani/T1181		
Designation	Associate Professor(Gr II)		
Department	Computer Science and Engineering		
Date of Joining the Institution	05-06-2025		
Qualifications	B.E., M.E., Ph.D.,		
Total Experience	Overall: 12		in RMK: 1
Papers Published in Journal	Overall: 36		After Joining RMK: Nil
List of Papers Published	<p>List:</p> <ol style="list-style-type: none"> 1. "Jayashree, K; Ramalingam, Chithambaramani; ",Service Cluster Approach in Enterprise Service Bus,Exploring Enterprise Service Bus in the Service-Oriented Architecture Paradigm,,128-141,2017,IGI Global 2. "Jayashree K, Chithambaramani R; ",Automation of web services behavior using WS-Policy,International Journal of Scientific Engineering and Applied Science (IJSEAS,1,2,70-75,2015, 3. "Jayashree, K; Babu, R; Chithambaramani, R; " ,Examining Communication Technologies of IoT for Best QoS,Examining Cloud Computing Technologies Through the Internet of Things,,264-276,2018,IGI Global 4. "Priya, S Krishna; Jayashree, K; Chithambaramani, R; ",Automatic Web Service Discovery Using Ontology Approach,International Journal of Latest Trends in Engineering and Technology,2,3,,2013,ISSN: 2278-621X 5. "Jayashree, K; ANAND, SHEILA; Chithambaramani, R; ",Reliability analysis of web services based on runtime fault detection.,Journal of Theoretical & Applied 		

	<p>Information Technology,65,2,,2014,</p> <ol style="list-style-type: none"> 6. "1. K Sabarinathan, R Chithambaramani; ",An Optimistic Sharing of Patient Centric Health Record in Cloud Environment Using Bounded CPABE,International Conference on Innovative Technologies of Computing Sciences,,,pp 178-183,2015, 7. "K.Jayashree, R. Chithambaramani, R. Babu; ",Fault Analyser Model to Detect Faulty Web Service During Composition of Web Service,Australian Journal of Basic and Applied Sciences,,,163-170,2014, 8. "K.Jayashree, R. Chithambaramani, R. Babu; ",Semantic Web Ontology for Automated Web Services Discovery,Australian Journal of Basic and Applied Sciences,,,505-512,2014,AENSI Publisher 9. "K.Sabarinathan, R.Chithambaramani; ",A Survey on Optimistic Sharing of Patient Centric Health Record in Cloud Environment,ISTE Regional Conference on Innovations in Engineering Education & Research,2014. 10. "K.Jayashree, R.Chithambaramani; ",Applying RATER to Address Service Quality throughout the Web Services Development Life Cycle,International Conference on Engineering and Technology (ICET 2K12),2012, 11. "Jayashree, K; Chithambaramani, R; ",Big Data and Clustering Techniques,Handbook of Research on Big Data Clustering and Machine Learning,,,1-9,2020,IGI Global Scientific Publishing 12. "Ramalingam, Chithambaramani; Mohan, Prakash; ",Addressing semantics standards for cloud portability and interoperability in multi cloud environment,Symmetry,13,2,317,2021,MDPI 13. "Ramalingam, Chithambaramani; Mohan, Prakash; ",An efficient applications cloud interoperability framework using I-anfis,Symmetry,13,2,268,2021,MDPI 14. "Chithambaramani, R., Prakash, M., Angel Latha Mary, S.; ",Determining the shortest current flow path using Dijkstra's algorithm in mess circuit,International Journal
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	<p>of Innovative Technology and Exploring Engineering,8,8,1648–1651,2019,</p> <p>15. "K. Jayashree, Sheila Anand and R. Chithambaramani; ",A Fault Ontology for Managing Run-Time Faults in Web Services,Asian Journal of Information Technology,12,2,60-69,2013,</p> <p>16. "Sivaprakash, P; Sankar, M; Chithambaramani, R; Marichamy, D; ",A convolutional neural network approach for crowd counting,2023 4th International Conference on Smart Electronics and Communication (ICOSEC),,,1515-1520,2023,IEEE</p> <p>17. "Chithambaramani, R; Sankar, M; Sivaprakash, P; Marichamy, D; Yazhinian, S; ",Storage Network Attached Using Raspberry PI,"2023 International Conference on System, Computation, Automation and Networking (ICSCAN)",,,1-6,2023,IEEE</p> <p>18. "Marichamy, D; Sankar, M; Sivaprakash, P; Chithambaramani, R; Yazhinian, S; ",ML Algorithm-Based Healthcare Predictor,"2023 International Conference on System, Computation, Automation and Networking (ICSCAN)",,,1-5,2023,IEEE</p> <p>19. "Sivaprakash, P; Sankar, M; Chithambaramani, R; Marichamy, D; Yazhinian, S; Ithayan, J Vimala; ",Regression method-based prediction of wind power generation,"2023 International Conference on System, Computation, Automation and Networking (ICSCAN)",,,1-6,2023,IEEE</p> <p>20. "Sivaprakash, P; Sankar, M; Chithambaramani, R; Marichamy, D; Yazhinian, S; Vimalaithayan, J; ",Crop Disease Prediction Using Machine Learning,"2023 International Conference on System, Computation, Automation and Networking (ICSCAN)",,,1-4,2023,IEEE</p> <p>21. "Chithambaramani, R; Sankar, M; Sivaprakash, P; Marichamy, D; Yazhinian, S; ",Neural Network-Based Handwritten Character Detection,"2023 International Conference on System, Computation, Automation and</p>
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	<p>Networking (ICSCAN)",,,1-4,2023,IEEE</p> <p>22. "Chithambaramani, R; Balakumar, C; Sharma, Dilip Kumar; Patel, Keyur; Jamalpur, Bhavana; Arun, MR; ",Adoption of Cloud Computing in the Healthcare Field Using the SEM Approach,Human Cancer Diagnosis and Detection Using Exascale Computing,101-114,2024,"John Wiley & Sons, Inc. Hoboken, NJ, USA"</p> <p>23. "Ramachandran, Divya; Chithambaramani, R; Ganesh, S Sankar; Babu, M Dilli; ",A consistent augmented stacking polynomial optimized tool (ASPOT) for improving security of cloud-IoT systems,J. adv. res. appl. engr. Technol.,37,1,16-36,2024,</p> <p>24. "Chithambaramani, R; Sankar, M; Sivaprakash, P; Mohan, Prakash; ",SMS Guard: Android Application to Prevent Smishing Attacks,2024 Second International Conference on Intelligent Cyber Physical Systems and Internet of Things (ICoICI),,,69-74,2024,IEEE</p> <p>25. "RM, Dilip Charaan; Chithambaramani, R; Marichamy, D; ",Sentiment Analysis and Opinion Mining on Social Media Using Machine Learning,2024 Second International Conference on Intelligent Cyber Physical Systems and Internet of Things (ICoICI),,,1176-1182,2024,IEEE</p> <p>26. "Chithambaramani, R; Sankar, M; Sivaprakash, P; Ithayan, J Vimala; Mohan, Prakash; ",Predictive Modeling for Lung Cancer Risk Assessment Using Deep Learning,2024 Second International Conference on Intelligent Cyber Physical Systems and Internet of Things (ICoICI),,,1352-1356,2024,IEEE</p> <p>27. "Sivaprakash, P; Charaan, RM Dilip; Ithayan, J Vimala; Sankar, M; Chithambaramani, R; Marichamy, D; ",IPFS-based Blockchain Enabled System for Secure Data Storage and Access in Healthcare,2024 Second International Conference on Intelligent Cyber Physical Systems and Internet of Things (ICoICI),,,203-208,2024,IEEE</p>
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	<p>28. "Marichamy, D; Sankar, M; Sivaprakash, P; Chithambaramani, R; Charaan, RM Dilip; Ithayan, J Vimala; ",Machine Learning Based Abnormal Human Behaviour Detection,2024 Second International Conference on Intelligent Cyber Physical Systems and Internet of Things (ICoICI),,,1155-1159,2024,IEEE</p> <p>29. "Charaan, RM Dilip; Ithayan, J Vimala; Sankar, M; Chithambaramani, R; Sivaprakash, P; Marichamy, D; ",Detection and Classification of Bipolar Disorder Syndrome using Deep Learning,2024 5th International Conference on Smart Electronics and Communication (ICOSEC),,,1596-1602,2024,IEEE</p> <p>30. "Sankar, M; Chithambaramani, R; Sivaprakash, P; Ithayan, Vimala; Charaan, RM Dilip; Marichamy, D; ",Analysis of Landlord's Land Price Prediction using Machine Learning,2024 5th International Conference on Smart Electronics and Communication (ICOSEC),,,1514-1518,2024,IEEE</p> <p>31. "R, Chithambaramani; K, Jayashree; B V, Krishna; Mohan, Prakash; Dede, Tayfun; ",An Efficient Ontology-Based Semantic Interoperability Using MSGO-RNN in Cloud Computing.,Journal of Optimization,2024,2024,</p> <p>32. "Murugesan, Sankar; Chithambaramani, Ramalingam; Reddy, Bandi Sithamaheshwar; Reddy, Sanepalli Venkata Subba; Reddy, Gayam Saidi; ",Analyzing academic performance of students using machine learning system,AIP Conference Proceedings,3175,1,020064,2025,AIP Publishing LLC</p> <p>33. "Murugesan, Sankar; Chithambaramani, Ramalingam; Rathnavelu, Revanth; Avinash, Kadiyala; Kumar, Raunak; ",ESKROW A P2P protocol for trustless transactions,AIP Conference Proceedings,3175,1,030009,2025,AIP Publishing LLC\</p> <p>34. "RM, Dilip Charaan; Chithambaramani, R; Marichamy, D; ",Historical Strategies Flow Detection for</p>
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	<p>Organizations using Machine Learning,2024 International Conference on Integration of Emerging Technologies for the Digital World (ICIETDW),,,1-6,2024,IEEE</p> <p>35. "Sivaprakash, P; Sankar, M; Ithayan, J Vimala; Chithambaramani, R; Charaan, RM Dilip; Marichamy, D; ",Autonomous Android Malware Detection System Based on Static Analysis,2024 International Conference on Integration of Emerging Technologies for the Digital World (ICIETDW),,,1-6,2024,IEEE</p> <p>36. "DilipCharaan, RM; Chithambaramani, R; Marichamy, D; ",An Individualised Diet Coach Using Ensemble Machine Learning,2024 International Conference on Integration of Emerging Technologies for the Digital World (ICIETDW),,,1-6,2024,IEEE</p>	
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall: 31	After Joining RMK: Nil
Ph.Ds / Projects Guided	Ph.Ds Guided: Nil	Student Projects Guided: 15
Patents	Published Count: 5 Granted Count: Nil	
	List: <ul style="list-style-type: none"> • AI based smart glasses for determining retinal stress design patent filed on 27/12/2023. • Device for detecting diseased leaves in plant by image processing design patent filed on 27/12/2023. • Obstacle avoidance shoe with motion sensors design patent filed on 8/12/2023. • Agricultural pesticide spraying robot design patent filed on 27/12/2023. • Solar based robot for determining crop yield design patent filed on 8/12/2023. 	
Professional Memberships	Count:01	
	CSI	

Consultancy Projects Completed	Nil
Orcid Link / ID	ID: https://orcid.org/0000-0003-3979-7881
Google Scholar Link / ID	ID: https://scholar.google.com/citations?user=OZgHWdYAAAAJ&hl=en
Vidwan Link / ID	ID:
Research Gate Link / ID	ID https://www.researchgate.net/profile/Chithambaramani-Ramalingam?ev=hdr_xprf
Scopus Link / ID	ID: 55881291600
Google Scholar Link / ID:	ID: https://scholar.google.com/citations?user=OZgHWdYAAAAJ&hl=en