



FACULTYPROFILE

Name of Teaching Staff / RMK ID	R.RAJITHA JASMINE/ T0431		
DESIGNATION	ASSOCIATE PROFESSOR		
Department	INFORMATION TECHNOLOGY		
Date of Joining the Institution	29-06-2006		
Qualifications	PhD		
Total Experience	Overall: 20 years 2 months		In RMK: 19 years 02 months
Papers Published in Journal	Overall : 16	After Joining RMK: 14	
List of Papers Published	1. R. Rajitha Jasmine, N. Venkateswaran; Balaji. Mudadla J Nalini; M Rajasekar Two-Stream Holographic Convolutional Network for Speech Emotion Recognition Using Korean Audio , IEEE, 113-119, 2024 2. R Rajitha Jasmine, M Pushpavalli, D Dhanya, Megha Kulkarni, , B Umarani, M RamprasadReddy, Durga Prasad Garapati, Enhancing electrical power demand prediction using LSTM-based deep learning models for local energy communities, Electric Power Components and Systems, Taylor & Francis, 1-18,2024 3. R Rajitha Jasmine, Dheeraj Hebri, S Kirubakaran, Anitha Poosamooper, S Rukmani Devi, D Raja Joseph, Analysis of Satellite Images for Historical Maps Classification using Machine Learning Algorithms, 2024 International Conference on Expert Clouds and Applications (ICOECA),IEEE, 632-637, 2024 4. Rajitha Jasmine R, K Priyanka, S Preethi, V Valliammai, P Swetha, AirMobilize: IoT-Powered Air Quality Monitoring on the Go, IEEE, 1-5 2023 5. Gupta Kushagra, Anushka, Rajitha Jasmine R: Manesh Ramkrishna, V Bharathi, Monika Gupta, Body Sensor Network Using Data Analysis and Modeling for Healthcare Application, IEEE, 1-7, 2023		

	6. Rajitha Jasmine R, Padmaja, Nimmagadda, K Sudhakar, P Rajasekar, Perceptual Video Summarization Using Keyframes Extraction Technique, 2023 3rd International Conference on Innovative Practices in Technology and Management (ICIPTM),IEEE, 1-4,2023 7. R Rajitha Jasmine ,T Sivadharshan, K Kalaivani, N Golden Stepha, , A Jasmine Gilda, S Godfrey, An Approach for Avoiding Collisions with Obstacles in Order to Enable Autonomous Cars to Travel Through Both Static and Moving Environments, Artificial Intelligence for Autonomous Vehicles, John Wiley & Sons, Inc. , 151-171, 2024 8. R. Rajitha Jasmine , Dr. K. K. Thyagarajan, A composite framework of deep multiple view human joints feature extraction and selection strategy with hybrid adaptive sunflower optimization-whale optimization algorithm for human action recognition in video sequences, Computational Intelligence, Volume38, Issue2, April 2022, Pages 366-396 9. R. Rajitha Jasmine , Dr. K. K. Thyagarajan, Auto-Encoded Detection of Hand & Human Action based on Convolution based neural networks (CNN), Solid State Technology, 2020 10. R. Rajitha Jasmine, Criminal Record Intendence, Journal Of Xidian University, Volume 14, Issue 5, ISSN No:1001-2400, 2020 11. R. Rajitha Jasmine, S. Aishwarya Lakshmi, J.S. Sheeja Philip, S. Saireethika,Digital Image Watermarking System Based On Image Processing Techniques, Journal Of Xidian University, Volume 14, Issue 5, ISSN No:1001-2400, 2020 12. R. Rajitha Jasmine , Dr. K. K. Thyagarajan, Hand- Held Object with Action Recognition Based On Convolutional Neural Network in Spatio Temporal Domain, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-2, December, 2019 13. B. Raakesh, S. Lakshmanan, K. Gowtham , R.Rajitha Jasmine, International Journal of Advance Research, Ideas and Innovations in Technology Smart industry automation, ISSN: 2454-132X Impact factor: 4.295 (Volume 5, Issue 2) 2019 14. R. Rajitha Jasmine , Dr. K. K. Thyagarajan, “ Study on Recent Approaches for Human Action Recognition in Real Time International Journal of Engineering Research & Technology (IJERT) ISSN: 2278, Vol. 4 Issue 08, August-2015.
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Papers Presented in Conferences (Scopus/WoS indexed only)	Overall : 08	After Joining RMK: 07
Ph.Ds/Projects Guided	Ph.Ds Guided:	Student Projects Guided: 12
Books Published:	Count: 0	
	List: Nil	
Patents	Published Count: 01	Granted Count:-
	List: Improvised- Protector for Automated Vehicle Security System using AI and CNN	
Professional Memberships	Count: 02	
	ISTE IACSIT	
Consultancy Projects Completed	Count: 03	
Awards Received	Count: 03	
	List: National Faculty Award 2021-2022 Novel Research Academy Received- Best Faculty Award	
Research grants Received	Count: 01-UBA Fund	

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Google Scholar Link/ID	ID: https://scholar.google.co.in/citations?hl=en&user=plKwjZgAAAJ
Vidwan Link / ID	ID: https://vidwan.inflibnet.ac.in/profile/305232
Research Gate Link / ID	https://www.researchgate.net/profile/Rajitha-Jasmine
Scopus Link /ID	https://www.scopus.com/authid/detail.uri?authorId=58285268200