


FACULTY PROFILE

Name of Teaching Staff / RMK ID	Dr. C. GEETHA / T0316			
Designation	Professor			
Department	Computer Science and Engineering			
Date of Joining the Institution	22.06.2005			
Qualifications	M.E. (CSE)	Ph.D.		
Total Experience	Overall : 24 Years 10 Months		in RMK : 17 Years 10 Months	
Papers Published in Journal	Overall : 24		After Joining RMK : 24	
List of Papers Published	<ol style="list-style-type: none"> 1. C Geetha, "A Review on Replica Node Detection Algorithms in WSNs", IJCER, 2013. 2. Geetha C, Ramakrishnan M, "Extended-Randomized, Efficient, Distributed: A Dynamic Detection of Clone Attacks in Static Wireless Sensor Networks", Journal of Computer Science, 2014. 3. Geetha C, Ramakrishnan M, "Detection of SYBIL Attack using Neighbour Nodes in Static WSN", International Journal on Recent and Innovation Trends in Computing and Communication, 2015. 4. Geetha C, Ramakrishnan M, "A Hybrid Scheme For Detecting Clone And Sybil Attacks In Wireless Sensor Networks", International Journal of Applied Engineering Research, 2015. 5. Geetha C, Ramakrishnan M, "Replica Node Attack Detection Approaches in Static WSNs", Journal of Computer Science and Applications, 2015. 6. A.V.Vibi, GV.Padmasree, P.Nithya, C.Geetha, "Detection Of Sybil Attack Using Neighbouring Node Messanging Using Wireless Sensor Network" IJATES 2015 pg. 221-226. 7. M.Priya, C.Geetha, "Vehicle Ad-Hoc Network for Road Traffic and Accident Preventing", IJRDT 2017 pg. 807-811. 8. V. Saganya, Dr. C. Geetha, "Aadhar Card Based Health Records Monitoring System" International Journal of Scientific Research in Computer Science, Engineering and Information Technology 2018 IJSRCSEIT, Volume 3, Issue 1. 9. R. Prashanth, K.M. Viknesh, P. Yuvaraj, Dr. C. Geetha, "Smart Energy Management Using Internet of Things", International Journal of Computer Trends and Technology (IJCTT) – Volume 57 Number 1- March 2018 pg 27-28. 10. Sandhya S, Vaishali Roy, Vinitha B, Dr. C. Geetha, "X-EDD: A 			

	<p>Hybrid Algorithm to Detect the Clone Attacks in Mobile Wireless Sensor Networks”, International Journal of Scientific & Engineering Research, Volume 9, Issue 2, February 2018.</p> <ol style="list-style-type: none"> 11. M. S. Mohamed Shafi, K. Lakshmanarajapandian, M. Prasana Venkatesh, Dr.C.Geetha, “Detection and Mapping of Hand Gestures in Gaming” IJSRD - International Journal for Scientific Research & Development Vol. 6, Issue 01, 2018. 12. G. Vishwa, , J. Venkatesh, C. Geetha, “Crop Variety Selection Method using Machine Learning” International Journal of Innovations in Engineering and Technology (IJET), Volume 12 Issue 4 March 2019 pg 035-038. 13. Agalya S, Annapoorani S S., Arundhati T R, C. Geetha, “Rainfall Prediction Using Linear Regression Model” IJSRD - International Journal for Scientific Research & Development Vol. 7, Issue 01, 2019 ISSN (online): 2321-0613. 14. R.Dhanalakshmi, C. Geetha, T. Sethukarasi, “Monitoring and Detecting Disease in Human Adults using Fuzzy Decision Tree and Random Forest Algorithm”, IJRTE, Vol 7, Issue 5S2, January 2019, pg:93-99. 15. C. Geetha, A. Thilagavathy, Sudesh Nimmagadda, Ravilla Madhusudhan, Saivignesh Chiruvella, “An Efficient Technique for Scene Text Extraction from Videos”, International Journal of Engineering and Advanced Technology (IJEAT) Volume-9 Issue-1, October 2019, pg 6510-6514. 16. C Geetha, “AGRIOT: Precision Agriculture using IoT and Sensors” Studia Rosenthaliana (Journal for the Study of Research), Volume XII, Issue I, January-2020 pg 73-86. 17. Dr. C.Geetha, Aparna Darapaneni, Lakkamaneni Chandana Manaswini, “Intelligent Systems to Predict and diagnose Benign and Malignant Skin Lesions”, Advances in Parallel Computing-IOS Press, doi: 10.3233/APC200150, December 2020 18. Divya Alankrutha K, Indira Varshini G, Harini V, Dr. Geetha C, Aravindsanjay G, “Blockchain Technology to Protect Banking Transactions”, Journal of Xidian University, ISSN No:1001-2400, https://doi.org/10.37896/jxu14.6/073, VOLUME 14, ISSUE 6, 2020, pg 649-655. 19. C Geetha, “Analysis of Efficient Prediction of Covid19 using Deep Learning”, Journal of Critical Reviews, ISSN- 2394-5125 VOL 7, ISSUE 05, 2020, pg 1349-1360. 20. Monica A, Priyanka Chandrakumar, Seetha B, Geetha C, Ravi N, “Identifying Information Relocate with Reliable Estimation and Securing Data on Cloud Computing”, International Journal of Advanced Science and Technology Vol. 29, No. 3, (2020), pp. 14766 – 14773. 21. C Geetha, Kaveripaku Preetham, Nannaka Nageswara Rao, Pallamparthi Pavan Kumar, “Deep Learning Technique for Recognizing Hand Written Characters”, Turkish Online Journal of Qualitative Inquiry, Vol 12, Issue 4, 2021. 22. C Geetha, Lakkamaneni Chandhana Manaswini, Mavillapalli Amrutha, Bapathi Aparna, “Fake Review Detection through
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	<p>Deep Learning Ensemble Models” Turkish Online Journal of Qualitative Inquiry, Vol 12, Issue 4, 2021.</p> <p>23. C. Geetha, M. Vanitha, A. Parimala and D. Kalaiarasi, "A Novel Channel Estimation Scheme for MIMO-OFDM Systems based on CDD," 2022 International Conference on Inventive Computation Technologies (ICICT), 2022, pp. 747-753, doi: 10.1109/ICICT54344.2022.9850760.</p> <p>24. C. Geetha; Leelavathi. V; Meharunissa. R; Nivedita. V, "FDR: An Automated System for Finding Missing People," 2022 2nd International Conference on Technological Advancements in Computational Sciences (ICTACS), 2022, pp. 525-529, doi: 10.1109/ICTACS56270.2022.9988705.</p>	
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 5	After Joining RMK : 5
Ph.Ds / Projects Guided	Ph.Ds Guided : -	Student Projects Guided : 62
Books Published :	Count : 1	
	List : Design and Analysis of Algorithms, Alpha International Publication	
Patents	Published Count : 10	Granted Count : -
	List : <ul style="list-style-type: none"> • Novel Method of M-Iot Based Blood Glucose Sensing Non-Invasive Technique published on 29/11/2019 • Virtual Healthcare Assistance published on 02/04/2021 • Multiple Sensor Data Fusion Enabled Ai Based Emotion Identification System published on 16/07/2021 • Novel Private Framework Design for Content Based Image Retrieval in Cloud published on 01/10/2021 • Neural Speech Through Brain Waves for Speech Impaired Persons published on 06/01/2023 • Smart Cane for Visually Impaired People published on 06/01/2023 • Smart Automatic Authorized Vehicle Parking System Using IOT Sensors and MACHine Learning Algorithm Techniques published on 13/01/2023 • A New IoT Eco System Security Model with its Supporting Architectural Framework published on 05/05/2023 • An Artificial Intelligence and Machine learning based User Behaviour Analysis System published on 05/05/2023 • A Collaborative Learning System using Social Media and Cloud Technology published on 05/05/2023 	
Professional Memberships	Count : 5	
	List : ISTE, IAENG, CSTA, IAAC, IEEE	

Consultancy Projects Completed	Count : 5
Awards Received	Count : 3
	List : <ul style="list-style-type: none"> • Academic Excellence Award awarded by Institute of Researchers • Best Researcher 2018 awarded by, "International Journal for Research Under Literal Access", Accredited with, "Idamas Learning and Training Centre (Malaysia)" • Best Faculty Advisor Award by IEI
Research grants Received	Nil
Orchid Link / ID	ID : 0000-0002-9894-1524
Google Scholar Link / ID	ID : PhrTOzsAAAAJ
Vidwan Link / ID	ID : 305350
Research Gate Link / ID	https://www.researchgate.net/profile/Geetha-Chellaian
Scopus Link / ID	ID : 57213304832