FACULTY PROFILE

Name of Teaching Staff / RMK ID	**Dr.S.THANGA RAMYA/ T1042**	
Designation	PROFESSOR AND HEAD	
Department	COMPUTER SCIENCE AND DESIGN	
Date of Joining the Institution	02-08-2021	
Qualifications	B.E(CSE) M.S(BY RESEARCH) Ph.D.,	
Total Experience	Overall : 20 YEARS 9 MONTHS	in RMK : 14 YEARS 5 MONTHS
Papers Published in Journal	Overall : 27	After Joining RMK : 27
List of Papers Published	1."Secure forensic data transmission system in cloud database using fuzzy based butterfly optimization and modified ECC", Transactions on emerging telecommunications technologies, June 2022,https://doi.org/10.1002/ett.4558 2."Hybrid Cloud Data Protection Using Machine Learning Approach",Advanced Soft Computing Techniques in Data Science, IoT and Cloud Computing (Springer), Nov 2021, Vol 89, 151-166DOI: 10.1007/978-3-030-75657-4_7 3."Deep learning for big data and its applications including clinical image processing using CNN approach", IJBPAS November, Special Issue, 2021, 10(11), 623-631, ISSN:2277–4998 4. "Memory and Time aware Automated Job Ontology Construction with reduced Ontology Size Based Semantic Similarity", Journal of Xi'an Shiyou University, Natural Science Edition, Vol 17 Issue 10, October 2021,664-668 1673-064X 5."Modified Mackenzie Equation and CVOA Algorithm Reduces Delay in UASN", Computer Systems Science and Engineering, Vol.41, No.2, 2022, 829-847,doi:10.32604/csse.2022.020307 6. "IOT-Driven Model for Collaboration Based on Learning Paradigms", International Journal of Aquatic Science, 2021, Vol 12, Issue 02,1725-1731 ISSN: 2008-8019 7."Roadmap to Biomedical Image Segmentation and Processing – Background and Approaches", Design Engineering,2021, Issue: 7, 8491 – 8504 8."Smart Supermarket Billing Automation System based on barcode recognition using canny Edge detection", Annals of R.S.C.B, 2021,Vol. 25, Issue 4,19139-19143, ISSN:1583-6258 9."Enhanced Features based Private Virtual Card", Annals of R.S.C.B 2021,Vol. 25, Issue 4,17867 - 17872,ISSN:1583-6258 10."IOT Based an Efficient Image Processing Algorithm for Capture Image in Museum using Localization Service for user Involvement",	

	Revista geintec-gestao inovacao e tecnologias (Management, Innovation and Technologies), Vol. 11, No. 2 (2021),2322-2331 ISSN: 2237-0722
	11."Private virtual card as additional security", Elementary Education Online,2021, Vol 20 (Issue 5), ISSN:7341-7345
	12."Deep Learning Driven Image Segmentation in Medical Science - An Intense Learning", Solid State Technology,2021, Vol.64 Issue: 2, ISSN:1725-1734
	13."Hand Gesture Recognition in Full Duplex Way", International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), April 2020, Vol.4, ISSN:2373-2378
	14."Community Health Aider- Online Consultancy System", International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)May 2020, Vol.4, Iss 5,3242-3248, ISSN:2319-8753-
	15."Machine Learning in Delay Tolerant Networks: Algorithms, Strategies, and Applications", International Journal of Innovative Technology and Exploring Engineering (TM), Volume-9 Issue-1S, November 2019,34-38,ISSN: 2278-3075
	16."Improving Data Spillage in Multi Cloud Capacity Administrations", International Journal of Innovative Technology and Exploring Engineering (TM), Volume-9 Issue-1S, November 2019, 63-66, ISSN: 2278-3075
	17."A Secured Public Auditing Protocol with Dynamic Structure for Cloud Data", International Journal of Innovative Technology and Exploring Engineering (TM), Volume-9 Issue-1S, November 2019,81-85, ISSN: 2278-3075
	18. "Reducing Cloud Storage Space Consumption using PRCR", International Journal of Innovative Technology and Exploring Engineering (TM), Volume-9 Issue-1S, November 2019, 287-289, ISSN: 2278-3075
	19."Software Defined Networking: A Paradigm Shift in Networking for Future, Emerging Trends and Applications", International Journal of Applied Engineering Research, Volume 13,2018,13475 − 13481, ISSN 0973 − 4562
	20. "Novel Effective X-Path Particle Swarm Extraction based Retrieval for Deprived Videos", Springer Cluster computing, Oct 2017,1573-7543
	21."D-COURT", International Journals of Advanced Research in Computer Science and Software Engineering,2017, Vol.7, 95-98, ISSN:2277-128X
	22."SWC (Safety for Women & Child), an Android App", International Journal of Applied Research,2016, VOl.4 pp. 26-31
	23."Suitable Methodologies for Key Frame Extraction from Videos", International Journal of Applied Engineering Research,2015, VOL. 10, No 31 23118-23221, ISSN:0973 -4562
	24."Fast Video Retrieval From Database With Object Oriented Ant Colony Xml Optimization (ACXMLO) For High Resolution Videos", International Journal Of Applied Engineering Research,2015, VOL.10,No.87 ,379-383, ISSN:0973 −4562

	25."Xml Based Approach for Object Oriented Medical Video Retrieval Using Neural Networks", Journal Of Medical Imaging And Health Information VOL.6.,2016,1-8, ISSN:2156-7018 26. "Knowledge based methods for video data retrieval", International Journal of Computer Science & Information Technology, October 2011, Vol.3, No.5 ,165-172,0975-4660 27. "Person identification using OODB- A fuzzy logic approach",i-manager's Journal on Software Engineering, Vol. 3l, 32-42, ISSN:0973-5151	
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 2	After Joining RMK : -
Ph.Ds / Projects Guided	Ph.Ds Guided : 8	Student Projects Guided : 60
Books Published :	Count : 5	
	1."Fundamentals of Computing", KR PUBLISHERS,2013 - 2."C Programming", SRUTI PUBLISHERS,2017,978-81-934968-0-0 3."Fundamentals of data structures in C", MAGNUS PUBLICATION,2018,978-81- 934208-9-8 4."Problem Solving and Python Programming", MAGNUS PUBLICATION,2018, 978- 81-938060-2-9 5."Problem Solving and Python Programming Lab", MAGNUS PUBLICATION, 2019, 978-81-938060-2-9	
Patents	Published Count : 2	Granted Count : -
	1. OO Model For Medical Video Retrieval Using Neural Networks 2. Novel Private Framework Design for Content Based Image Retrieval in Cloud Computing	
Professional Memberships	Count :4	
	1. ISTE Life Member 2. IAENG Member 3. INSC Life Member 4. CSTA Member	
Consultancy Projects Completed	Count :4	
Awards Received	Count :5	
	1. Obtained Oracle Sun Java certification with centum score 2. Achieved Top 4th position (all over India) in Wipro's Project Contest 3.Obtained Bronze medal through Infosys campus connect 4. Received Best Teacher Award 2020 from Insc..	

Research grants Received	Received Rs.3,76,666 from AICTE for conducting STTP on "Artificial Intelligence and Soft Computing"
Orcid Link / ID	0000-0002-5680-0686
Google Scholar Link / ID	https://scholar.google.com/citations?user=SQW352kAAAAJ&hl=en
Vidwan Link / ID	281728
Research Gate Link / ID	https://www.researchgate.net/profile/Thanga-Ramya-S
Scopus Link / ID	I57196056199