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### **Area Expertise:**

- Image Processing
- Big Data

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### **Publications:**

1. R.VENKATESAN, Arpitha, M., Ramalakshmi, K. Enhancement of accuracy on a medical dataset by the usage of different data preprocessing techniques(2019). International Journal of Innovative Technology and Exploring Engineering 8(5), pp. 1-4
2. R., VENKATESAN, R., Ramalakshmi, Ebenezer, J. K., Johnson, J., Glen, P. I., & Vinod, V. (2019). Application of decision tree algorithm for prediction of student's academic performance. International Journal of Innovative Technology and Exploring Engineering, 8(6), 561-564.
3. VENKATESAN, R. , Jemima Jebaseeli, & T., Rishabh, (2019). Technical irrigation system to predict soil moisture and water level in agricultural field. International Journal of Innovative Technology and Exploring Engineering, 8(6), 400-405.
4. VENKATESAN,R.JASPER,G.KATHRINE,W.RAMALAKSHMI,K.“Internetofthings based pest management using natural pesticides for small scale organic gardens” Journal of Computational and Theoretical Nanoscience . 2018, Vol.15
5. VENKATESAN,R. ,RAMALAKSHMI,K D PONMARY PUSHPA LATHA Review on various approaches for resource management and job scheduling in Grid Environment. Journal of Computational and Theoretical Nanoscience . 2018, Vol.15
6. R.VENKATESAN, K. THANUSHKODI “Perspective Study on Various Approaches for Resource Management and Job Scheduling in Computational Grid Environment”. Australian Journal of Basic and Applied Sciences January 2014. Vol 8, No.1

7. R.VENKATESAN,K. THANUSHKODI LB “scheduling for Advanced Reservation and Queuing Using TBRA in Grid Computing Environments”, Australian Journal of Basic and Applied Sciences January 2014. Vol 8, No.1
8. R.VENKATESAN, K. THANUSHKODI. ”Resource Management in Computational Grid with Economic Based allocation Model Using Particle Swarm Optimization (PSO)”. Journal of Theoretical and Applied Information Technology 31st August 2013. Vol. 54 No.3
9. R.VENKATESAN, K. THANUSHKODI Hybridized GPM: An Optimal Approach For Handling Resource Management in Computation Grids”. Jokul Journal July 2013.Vol 63, No. 7 Survey in Finding the best algorithm for data analysis of privacy preservation in health care.
10. “International Conference on Emerging Current Trends in Computing and Expert Technology” Panimalar Engineering College, Chennai 22<sup>nd</sup> & 23<sup>rd</sup> March 2019.
11. “International Conference on Emerging Current Trends in Computing and Expert Technology” Panimalar Engineering College, Chennai 22<sup>nd</sup> & 23<sup>rd</sup> March 2019
12. Application of Decision Tree Algorithm for Predication of Students Academic Performance. “International Conference on Advent Trends in Engineering, Science and Management” Pankaj Laddhad Institute of Technology & Managament Studies, Buldhana and MG Aricent Private Limited, Yavatmal, India on 17<sup>th</sup> March 2019 in Nashik, Maharashtra, India.
13. Survey on IOT based air moisture management and sensor enabled sprinkler for homebased organic garden “International Conference”, March 2018
14. Survey on IOT based PEST management using natural pesticides for home based organic garden “International Conference” , March 2018