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Area Expertise:

- Software Engineering
- Internet of Things
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Publications :

International Journals

1. M. Anitha, V. D. Ambeth Kumar, S. Malathi, V. D. Ashok Kumar, M. Ramakrishnan, Abhishek Kumar, and Rashid Ali, " A survey on the usage of pattern recognition and image analysis methods for the lifestyle improvement on low vision and visually impaired people", Pattern Recognition and Image Analysis" Journal and will be published in Issue 1, Vol. 31, 2021. (InPress)

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6. S.Malathi, M.Gopinath, " Sewage Sludge Removal Method through Arm-Axis by Machine Robot" Advances in Intelligent Systems and Computing, Springer, Vol.940, 2019.

7. R. Ajith Krishna, A. Ashwin, S. Malathi, "A Lucrative Sensor for Counting in the Limousine", Lecture Notes in Computational Vision and Biomechanics, Springer, Vol.30, pp. 515-523 , 2019.

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11. S. Gomathi, S.Malathi, " On Building a Mobile Based Cloud Infrastructure for Rural School Development", International Journal of Engineering Research & Technology, vol. 7, no. 5, May 2018.

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13. S.V.Hemalatha, S.Malathi," Auction Based Patient Health Detection Scheme Using Group Management Techniques in Wireless Sensor Networks", International Journal of Engineering Science and Computing vol. 8,no. 6 , June 2018.

14. VD Ambeth Kumar, VD Ashok Kumar, M Ramakrishnan, S Malathi, A Govardhan, " Efficient routing for low rate wireless network-a novel approach", International Journal of Image Mining, Vol. 2, no. 2-3, pp. 208-230, 2017.

15. Melvina J.S.M, Mandava Nikhita Santhoshi, S.Malathi, "Secure Image Transmission By Lossless Secret Fragment Mosaic Image Creation In Videos" in the Middle-East Journal of Scientific Research, Vol. 24 (S1): pp.212-219, 2016. (DOI: 10.5829/idosi.mejsr.2016.24.S1.42).

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International Conferences

1. S. Malathi and M. Sumithra ," Integration of Wavelet and ROI Based Fuzzy K-Means for MRI-CT Segmentation", International Conference on Intelligent Computing and Control Systems (ICICCS), Vaigai College of Engineering, Madurai, 16th May 2019,

2. S. Malathi and M.Sangeetha, " Sequencing of Module and Prioritization of Test Cases using dependency structures matrix", IEEE International Conference on smart structures and Systems(ICSSS), Saveetha Engineering College, Chennai, 14th and 15th, March 2019.

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5. Yaagesh Prasad.P, S Malathi, " M-Voting With Government Authentication System", in the International Conference On Innovations In Engineering, Technology & Sciences(ICIETS 2018) held at NIE Institute of Technology,Mysore, 20-21 Sep 2018.

6. Shilpa Aarthi, S Malathi,"Techniques For Early Detection Of Tuberculosis - A Survey Report", in the International Conference On Intelligent Computing And Sustainable System(ICICSS 2018) held at Akshaya College Of Engineering And Technology, Coimbatore, 20-21 Sep 2018.

7. Savitha N and S Malathi ," Survey On Fire Safety Measures For Industry Safety Using IoT", in the International Conference On Communication And Electronics Systems(ICCES 2018) held at PPG Institute Of Technology, Coimbatore, Oct.15-16, 2018.

8. Divya S and S Malathi, "Preventing Web Application to Avoid Illegal Entry Of Hackers - A Review" in the International Conference On Communication And Electronics Systems(ICCES 2018) held at PPG Institute Of Technology, Coimbatore, October 15-16, 2018

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13. S.Malathi, T.Ramya and G.Pratheeksha, "Mail Notification for missed calls and SMS in Android Phones", 3rd IEEE International Conference on Communication and Signal Processing(ICCSP-14), Adiparashakthi Engineering College,Mellmaruvathur,pp.163-167,April 5th,2014.

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National Conferences

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