

## **DC Member 2 - 5-year Publication details**

### **Member from Other University**

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Area of Specialization: - **Image Processing, Data Mining, Computer Networking,  
Pattern Recognition and Software Engineering**

#### List of Publications: -

1. Nisha Joseph, D Murugan, Basil John Thomas “Patient Specific Brain Tumor Segmentation using Context Sensitive Feature Extraction in MR Images,” International Journal of Computing and Digital Systems, vol. 10, no.6,pp. 1091-1097,Nov 2020.
2. Shanmugasundaram Singaravelan, Dhanushkodi Murugan “ROBUST AUTOMATIC VISUAL METHOD FOR DETERMINING FACIAL ANGLES FROM PROFILE VIEW IMAGES,” Media, Culture and Public Relations, vol. 10, no.1,pp. 6-18,March 2019.
3. A Ramya, D Murugan, G Murugeswari, Nisha Joseph “Adaptive multi-threshold based de-noising filter for medical image applications,” International Journal of Computational Vision and Robotics, vol. 9, no.3,pp. 272-292, 2019.
4. A Ramya, D Murugan, TI Manish “A Comparative Analysis on Various Noise Reduction Techniques Tested for Medical Images,” Journal of Network and Information Security, vol. 9, no.3,pp. 18-23, June 2018.
5. Nisha Joseph, D Murugan, A Ramya, T Ganesh Kumar “Performance Study on Brain Tumor Segmentation Techniques,” 2018 4th International Conference on Computing

Communication and Automation (ICCCA), pp. 1-6, Dec 2018.

6. S Vijayalakshmi, D Murugan "Crop Disease Detection and Classification Based on Hybrid Information Approach," *Informatologia*, vol. 51, no.1-2, pp. 1-12, July 2018.
7. K Shanthi, D Murugan, T Ganesh Kumar "Trust-based intrusion detection with secure key management integrated into MANET," *Information Security Journal: A Global Perspective*, vol. 27, no.4, pp. 183-191, July 2018
8. K Shanthi, D Murugan "Pair-wise key agreement and hop-by-hop authentication protocol for MANET," *Wireless Networks*, vol. 23, no.4, pp. 1025-1033, May 2017.
9. V Subha, D Murugan, A Manivanna Boopathi "A hybrid filter-wrapper attribute reduction approach for fetal risk anticipation," *Asian Journal of Research in Social Sciences and Humanities*, vol. 7, no.2, pp. 1094-1106, 2017.
10. A Ramya, V Murugan, D Murugan "Non-linear directive contrast filter for mammogram images to enhance pleomorphic calcification," *International Journal of Computer Applications*, vol. 163, no.7, pp. 52-57, 2017.
11. Shanmugasundaram Singaravelan, Anthoni Sahaya Balan, Dhanushkodi Murugan "WEB BASED DOCUMENT RETRIEVAL USING ADVANCED CBRS," *Review of Innovation and Competitiveness: A Journal of Economic and Social Research*, vol. 3, no.4, pp. 103-116, Dec 2017.
12. V Vivek, D Murugan, S Singaravelan "Development of Obstacle Detection and Collision Avoidance System using Thermal Imaging Technique," *Asian Journal of Research in Social Sciences and Humanities*, vol. 7, no.11, pp. 128-148, 2017.
13. S Singaravelan, D Murugan, R Mayakrishnan "IMPLEMENTING MULTICAST DATA LINKAGE WITH ONE CLASS CLUSTERING TREE (OCCT)," *Informatologia*, vol. 49, no.1-2, pp. 74-78, 2016.
14. S Singaravelan, D Murugan, S Joy, M Piramu "Internal Attack Identification and Inhibition System using Cosine Similarity for Abnormal User Detection," *Asian Journal of Research in Social Sciences and Humanities*, vol. 6, no.6, pp. 1886-1898, 2016.
15. R Arun, D Murugan "Segmentation and Validating the Accuracy of Classification Algorithms in Brain Tumor Magnetic Resonance Images using Machine Learning Approach," *Asian Journal of Research in Social Sciences and Humanities*, vol. 6, no.12, pp. 50-60, 2016.