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Area of Interest: Embedded System Design**,** Artificial Intelligence, Data Science, Biomedical Image

Processing, Medical Electronics & ML

Publication Details:

1. S.Suthakar,**Dr.K.S.Tamilselvan**, Dr.G.Murugesan,G.Mageshkumar "Automated Milk Quantity and Quality Checking and Vending Machine" International Journal of Innovative Technology and Exploring Engineering, Volume 8, Issue 11, September,2019

2. Prakash Duraisamy, James Van Haneghan, William Blackwell, Stephen C. Jackson, Murugesan G., and **Tamilselvan K.S**. "Classroom engagement evaluation using computer vision techniques" Pattern Recognition and Tracking XXX, 109950R,Proc. SPIE 10995,2019.

3. **Dr.K.S.Tamilselvan,**Dr. G.Murugesan,S.Suthakar,G.Mageshkumar "IOTBased Online Transformer Maintenance System"Indian Journal of Applied Research Volume 9, Issue 1, January 2019.

4. **Dr.K.S.Tamilselvan**,Dr. G.Murugesan,S.Suthakar "Android Based Vehicle Speed Control System In Critical Zones Using GPS Technology" International Journal of Advanced Research in Electronics and Communication Engineering Volume 7, Issue 6, June 2018.

5. **Dr.K.S.Tamilselvan**,Dr.G.Murugesan, K.Ramya "Embedded Based Semi-Automatic Money Denomination System" International Journal of Advanced Research in Electronics and Communication Engineering Vol.6, No.11, Nov'2017.

6. **Dr.K.S.Tamilselvan** Dr. G.Murugesan " Development of Multi-Modal Medical Image Fusion Based CAD System for Brain Tumor Identification" International Journal of Printing, Packaging & Allied Sciences Vol.4, No.5, Jan'2017

7. **Dr. K. S. Tamilselvan** Dr. V. Ashok "Determination of Blood Constituencies Using Laser Based Systems" Asian Journal of Information Technology Vol.15, No.21, Jan'2017.

8. **Dr.K.S.Tamilselvan**,Dr. G.Murugesan,Dr. V. Ashok"Embedded System Based Smart Conveyer Belt Security System for Textile and Dyeing Industries" International Journal of Advanced Research in Computer Science and Software Engineering Volume 6, Number 11pp.: 148 to 152.

9. **Dr.K.S.Tamilselvan**,Dr. G.Murugesan "Smart Drinking Water Quality Maintenance System" International Educational Scientific Research journal Vol.2, Issue: 10, Oct 2016

10. **K.S.Tamilselvan,**Dr. G.Murugesan "Detection of Muscle Injuries using Image Segmentation Based on ABC algorithm and Shearlet Transform "IJRIT International journal of Research in information Technology Vol.2, Issue.4, April 2014, pp.877-884,2016

11. **K.S.Tamilselvan**,Dr. G.Murugesan "Multimodality medical Image Fusion based on Neuro Fuzzy and Support Vector Machine" International Journal of Chemical and Pharmaceutical Sciences PP-23-25,2015.

12. **K.S.Tamilselvan**,Dr. G.Murugesan "A Novel Image Segmentation Algorithm for Clinical CT Images Using Wavelet Transform and Curvelet Transform and Multiple Kernel FCM" Applied Mathematical Sciences Vol-9, Number-48, PP-2351-2362,2015.

13. **K.S.Tamilselvan** Dr. G.Murugesan "Efficient Fusion of Multimodality Images Using Wavelet Transform and Watershed Algorithm" International Journal of Applied Engineering Research Vol-9, Number-23, PP-20715-20726,2014.

14. **K.S.Tamilselvan**, Dr. G.Murugesan "Survey and Analysis of Various Image Fusion Techniques for Clinical CT and MRI Images" International Journal of Imaging Systems and Technology Volume-24, Issue-2, PP-193 – 202,2014