

Name: Dr.S. Bama

Designation: Associate Professor, Dept of ECE, School Electronics and Electrical Technology.

Name of the Organization / Institution: Kalasalingam Academy of Research and Engineering  
(Deemed to be University) Krishnankoil.

Area of Specialization: Image Processing, Machine Learning

email id - [bama.s@klu.ac.in](mailto:bama.s@klu.ac.in)

Mob- 9788492530

#### Publication Details:

1. S Bama, R Velumani, NB Prakash, GR Hemalakshmi, “A Mohanarathinam, Automatic segmentation of melanoma using superpixel region growing technique”, Materials Today: Proceedings, 2020.
2. SD Kumar, S Esakkirajan, S Bama, B Keerthiveena, “A Microcontroller based Machine Vision Approach for Tomato Grading and Sorting using SVM Classifier”, Microprocessors and Microsystems, 103090, 2020.
3. D Selvathi, S Bama, “Phase based distance regularized level set for the segmentation of ultrasound kidney images”, Pattern Recognition Letters 86, 9-17, 2017.
4. S Bama, D Selvathi, “Discrete tchebichef moment based machine learning method for the classification of disorder with ultrasound kidney images”, Biomedical Research, 2016.
5. S Bama, D Selvathi “ Despeckling of Medical Ultrasound Images of Kidney-Performance Evaluvation of Spatial Filters” Research Journal of Applied Sciences, Engineering and Technology.
6. S Arivazhagan, L Ganesan, S Bama “ Fault segmentation in fabric images using Gabor wavelet transform” Machine Vision and Applications 16 (6), 356.