

FACULTY PROFILE



Dr. Kiruthika V, M.Tech, MBA, Ph.D.,
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Experience: 13 years 2 months

Research area: Medical Image Processing, Machine Learning, Biomedical Instrumentation

Recent Publications:

1. Kiruthika, V., Sathiya, S. and Ramya, M.M.(2020). Machine Learning based Ovarian Detection. *International Journal of Advanced Mechatronic Systems*, Vol 8, Nos.2/3, pp.75-85.
2. Kiruthika V., Sathiya S. & Ramya M.M. (2019) Automatic texture and intensity based ovarian classification, *Journal of Medical Engineering & Technology*, 42(8):604-616.
3. Deepika, V., Jeyalakshmi, V., Latha, P., Rajiv Raman., Kiruthika, V., Sundaresan Raman. and Janani Surya, R.(2021) Fractal analysis of retinal microvasculature as a tool to predict health risk factors and its relation with demographic and diagnostic parameters. *Microvascular Research.*, Vol. 139, 2022, 104237
4. Kiruthika V, Ramya M.M. Automatic Segmentation of Ovarian Follicle using K-means Clustering. Proceedings of 5th International Conference on Signal and Image Processing; January 8-10; Bangalore, India: IEEE; 2014. pp.137-141.