

1. R. Karthik and R. Menaka, "Delineation of ischemic lesion from brain MRI using symmetric bit plane pattern and curvelet co-occurrence matrix," *International Journal of Innovative Technology and Exploring Engineering*, Vol. 8, Issue 5, pp. 201-206, March 2019.
2. R. Karthik, Utkarsh Gupta, Ashish Jha, R. Rajalakshmi and R. Menaka, "A deep supervised approach for ischemic lesion segmentation from multimodal MRI using fully convolutional network," *Applied Soft Computing*, Vol. 84, Issue 105, November 2019.
3. R. Karthik and R. Menaka, "Computer aided detection and characterization of stroke lesion a short review on the current state of the art methods," *The Imaging Science Journal*, Vol. 66, No. 1, pp. 1-22, 2018.
4. Karthik, R and Menaka, R, "A multi-scale approach for detection of ischemic stroke from brain MR images using discrete curvelet transformation" , *Measurement*, Jan 2017
5. Kanchana, R and Menaka, R, "A novel approach for characterisation of ischaemic stroke lesion using histogram bin-based segmentation and gray level co-occurrence matrix features", *The Imaging Science Journal*, Vol 65(2), Feb 2017
6. Jayaram, P. V and Menaka, R, "Performance evaluation of modified hybrid handover scheme in LTE fast moving rail networks" , *International Journal of Wireless and Mobile Computing*, Vol 12(1), 2017
7. Pravenna And R. Menaka, ' A Methodical Review On Image Stitching And Video Stitching Techniques', *International Journal Of Applied Engineering Research* Vol.11(5), Pp 3442-3448, April 2016.
8. R. Menaka And R.Karthik, ' A Novel Feature Extraction Scheme For Visualisation Of 3D Anatomical Structures', *Int. J. Biomedical Engineering And Technology*, Vol.21(1), Pp. 49-66 May 2016.
9. Jayaram, P.V. And Menaka, R, ' An Experimental Study Of Stockwell Transform-Based Feature Extraction Method For Ischemic Stroke Detection', *Int. J. Biomedical Engineering And Technology*, Vol.21(1), Pp.40-48, May 2016.
10. M. Sivabalakrishnan, R. Menaka And Jeeva. S, ' Critical Video Surveillance And Identification Of Human Behavior Analysis Of ATM Security Systems', *BOOK CHAPTER Combating Security Breaches And Criminal Activity In The Digital Sphere*, IGI Global Publishers, Pp.93-118, June 2016.
11. Karthik. R and Dr. R. Menaka, 'Statistical characterization of ischemic stroke lesions from MRI using discrete wavelet transformation', *Transactions On Electrical Eng., Electronics, And Communications*, Vol. 14(2), pp.57-64, Aug 2016.
12. Ramya Sivanesan, Alvia Anwar, Abhishek Talwar, Menaka. R and Karthik. R, 'A Novel Scheme for detection of Parkinson's disorder from Hand-eye Co-ordination behavior and DaTscan Images', *KSII TRANSACTIONS ON INTERNET AND INFORMATION SYSTEMS*, Vol. 10(9), pp.4367-4385, Sep 2016.
13. Ramya Sivanesan, Alvia Anwar, Abhishek Talwar, Menaka. R and Karthik. R, 'A Novel Scheme for detection of Parkinson's disorder from Hand-eye Co-ordination behavior and DaTscan Images', *KSII TRANSACTIONS ON INTERNET AND INFORMATION SYSTEMS*, Vol. 10(9), pp.4367-4385, Sep 2016.

14. Karthik. R and Menaka. R, 'A critical appraisal on wavelet based features from brain MR images for efficient characterization of ischemic stroke injuries', Electronic Letters on Computer Vision and Image Analysis, Vol.15(3), pp.1-16, Nov. 2016.