

### Publication details

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#### **1. Publication in Journals**

- S.Anila, P.N,Sabari, J.Nitiskumar, E.Satheeshkumar, “BCI Application: Emotion Recognition from EEG(Electroencephalography) Signals - A Survey”, proceedings of **National E-Conference on "Communication, Computation, Control and Automation" (CCCA-2020)** and in the International Journal of Scientific Research and Engineering Development, May 2020.
- Dr K SheelaSobana Rani and Dr S Anila, “Comparison of feed forward, Cascade forward and Layer Recurrent Algorithm model for breast cancer prediction”, **5<sup>th</sup> International Conference on Man Machine Systems 26–27 August 2019, Pulau Pinang, Malaysia.(IOP Conference Series: Materials Science and Engineering)**
- D.Binu, S.Anila, “High Precision Monitoring of brain disorders using EEG”, **International Journal of Current Engineering And Scientific Research (IJCESR)**, Volume 6, Issue 2, pp.25-29, 2019.
- P.Devi, S.Anila, “Accident Detection and Reporting System using IoT”, **International Journal of Current Engineering And Scientific Research (IJCESR)**, Volume 5, Issue 12, pp.57-61, Dec 2018.
- S.Anila, K.Sheela Sobana Rani, B.Saranya, “Fabric Texture Analysis and Weave Pattern Recognition by Intelligent Processing”, **Journal of Telecommunication, Electronic and Computer Engineering (JTEC)**, Vol.10, No.1-13, pp.121-127, August 2018.
- Ayappan G, Anila S, “A survey on audio biological signal processing”, **Journal of Emerging Technologies and Innovative Research (JETIR)**, Volume 5, Issue 6, pp.176-179, June 2018.

- B.Saranya, S.Anila, "Image enhancement and security - A survey", **International Journal of Scientific Research and Review**, Volume 7, Issue 5, pp.245-248, May 2018.
- Dr.S.Anila, B.Saranya, G.Kiruthikamani, P.Devi, "Intelligent System For Automatic Railway Gate Controlling And Obstacle Detection", **International Journal Of Current Engineering And Scientific Research (IJCESR)**, VOLUME-4, ISSUE-8, 2017.
- S.Anila, Dr.N.Devarajan, "A new Contourlet based Multiresolution approximation for MRI image noise removal", **National Academy Science Letters, Springer publications**, February 2017, Volume 40, Issue 1, pp 39–41.
- S.Anila, Dr.N.Devarajan, "Text Detection using Stroke Width Transform(SWT)", **Asian Journal of Information Technology**, Vol.15, No.21, pp.4318-4324,2016 (**Scopus indexed**).
- J.Sajimi Nisha, Dr.S.Anila, "Design of IPV6 enterprise network with stateless address auto configuration" **International Journal of digital communication and networks(IJDCN)**, Vol.2, No. 1, January 2015.
- S.Anila, Dr.N.Devarajan, "Detection and tracking of Human in Videos", **Advances in Natural and Applied Sciences**, Vol. 9, No. 8, pp.135-141, July 2015.
- V.Suriya, Sona Poullose, S.Anila, "A Shackle Process for Shadow Detection" , International Journal of computer Applications, pp.8-15, 2013. (**Proceeding from the International Conference on Innovations In Intelligent Instrumentation, Optimization And Signal Processing** ICIIOSP-2013.
- S.Anila, Dr.N.Devarajan, "An Efficient Face Recognition System Using Transforms" , **International Journal of soft computing**, Vol. 8, No.1, pp. 42-49, 2013.
- S.Anila, Dr.N.Devarajan,"Superior Feature Sets for Face Recognition under Difficult Lighting Conditions", **Journal of Applied Sciences Research**, Vol.8, No.7, pp. 3344-3352, 2012.

- S.Anila, Dr.N.Devarajan “Preprocessing Technique for Face Recognition Applications under Varying Illumination Conditions”, **Global Journal of Computer Science and Technology** , Vol.12, No.11, pp.13-18, 2012.
- S.Anila, Dr.N.Devarajan “Global and Local Classifiers for Face Recognition”, **European Journal of Scientific Research**, Vol.57, No.4, pp.556-566, 2011.
- S.Anila, Dr.N.Devarajan “Extraction of Head and Face Boundaries for Face Detection Applications”, **International Journal of Automated Identification Technology**, Vol. 3, No.1, pp.27-33, 2011.
- S.Anila, Dr.N.Devarajan, “A simple Face Detection system based on Edges”, **International Journal of Universal Computer Sciences (IJUCS)**, Volume 1, No.2 , pp.54-58, 2010.
- S.Anila, Dr.N.Devarajan, “The Usage of Peak Transform for Image Compression”, **International Journal of Engineering Science & Technology (IJEST)**, Vol. 2, No. 11, pp.6308-6316, 2010.
- S.Anila, Dr.N.Devarajan, “An efficient, High secure steganography algorithm” CiiT **International Journal of Digital Image Processing**, Vol.2, No.11, November 2010.