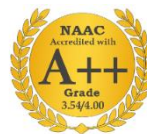





SETHU INSTITUTE OF TECHNOLOGY

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Details of Journal Publication:

- “Neonatal cry signal prediction and classification via dense convolution neural network”
DOI: 10.3233/JIFS-212473
Journal: Journal of Intelligent & Fuzzy Systems, vol. 42, no. 6, pp. 6103-6116, 2022.
- “Premature Infant Cry Classification via Elephant Herding Optimized Convolutional Gated Recurrent Neural Network”
DOI: <https://doi.org/10.1007/s00034-024-02764-5>
Journal: Circuits, Systems, and Signal Processing

Details of Conference attended:

1. Vaishnavi.V & Suveetha Dhanaselvam 2019, ‘An Automatic Approach to Extract Features from the Infant’s Cry Signals’, Published in ELSEVIER-SSRN, in ICRTCCNT’19.
2. Vaishnavi. V& Suveetha Dhanaselvam 2020, ‘A Comparative Study on Deep learning and Machine learning, published in International Web Conference on Innovations in Communication and Computing, ICICC '20.
3. Vaishnavi.V & Suveetha Dhanaselvam 2018, “A Survey on Features of Sound Signals” in ICIEIA'18 April 2018, KLN College of Engineering & Technology.
4. Vaishnavi.V& S.Suja Priyadharsini 2012, ‘Analysis of the polysomnographic recordings for detection of EEG arousals, published in the International Conference on Informatics, Computics and Networktics , ICICN'12March 2012, VINS College Campus.
5. Vaishnavi.V& S.Suja Priyadharsini 2012, “Automatic technique for Sleep Apnea colligated arousal detection using sleep recordings, published in the National Conference on Microwave & Optical Communication (NCMOC'12).ACCET Karaikudi.