
PUBLICATIONS RELATED TO RESEARCH WORK

International Journal Publications

1. N.A. Sheela Selvakumari and V. Radha, “An Objective Evaluation of Speech in Voice Disorder Classification”, Journal of Engineering Science and Technology, ISSN: 1823-4690, **ESCI Indexed [Communicated]**
2. N.A. Sheela Selvakumari and V. Radha, “Voice Disorder Detection Based On Acoustic Analysis And Optimized Back Propagation Neural Network”, Journal of Information Processing System, ISSN: 1976-913X, **ESCI Indexed [Communicated]**
3. N.A. Sheela Selvakumari and V. Radha, “Feature Selection and Feature Extraction Techniques for Dimensionality Reduction in Voice Disorder Classification”, Journal of Advanced Research in Dynamical and Control Systems, ISSN: 1943-023X, Special Issue No. 13, December 2018, Pp: 1152-1158, **Scopus Indexed**
4. N.A. Sheela Selvakumari and V. Radha, “A Hybrid Approach for Noise Reduction Using Wiener Filter And Wavelet Transform”, International Journal of Pure and Applied Mathematics, ISSN: 1314-3395 (online version), Vol.119 No. 16, August 2018, Pp: 731-743, **Scopus Indexed**
5. N.A. Sheela Selvakumari and V. Radha, “Voice Pathology Identification System using SVM Classifier”, International Journal of Advanced Research in Computer Science and Management Studies, ISSN: 2321-7782 (Online), Vol. 5, Issue 1, January 2017, **Impact Factor: 7.327**
6. N.A. Sheela Selvakumari and V. Radha, “Voice Pathology Identification: A Survey on Voice Disorder”, International Journal of Engineering and Manufacturing, Issue 2, March 2017, Pp: 39-49.

7. N.A. Sheela Selvakumari and V. Radha, “A Study on Application of Digital Signal Processing in Voice Disorder Diagnosis”, International Journal of Advanced Research in Computer Science and Software Engineering, ISSN: 2277 128X, Vol. 6, Issue 3, March 2016, Pp: 148-153. **Impact Factor: 2.5**

International Conference Publications

1. N.A. Sheela Selvakumari and V. Radha, “A Survey on Optimization Techniques in Voice Disorder Classification”, 16th National Conference on Science, Engineering and Technology NCSET 2019: TOWARDS TOMORROW’S TECHNOLOGIES. **[Communicated]**
2. N.A. Sheela Selvakumari and V. Radha, “A Voice Activity Detector using SVM and Navie Bayes Classification Algorithm”, IEEE International Conference on Signal Processing and Communication, (ICSPC’17), IEEE Explore, ISBN No: 978-1-5090-6730-5, March 2018, Pp: 01-06, **Scopus Indexed**
3. N.A. Sheela Selvakumari and V. Radha, “Recent Survey on Feature Extraction Methods for Voice Pathology and Voice Disorder”, 6th International Conference on Research Trends in Engineering, Applied Science and Management (ICRTE SM – 2017), International Journal of Computer and Mathematical Sciences, ISSN: 2347-8527, Vol. 6, Issue 8, August 2017, Pp: 74-79, **Impact Factor: 1.65**