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### **Publications**

#### **JOURNALS**

- 1) Subhavya.Devineni and **P Phani Kumar**, “Whispered Speech Identification in Low-Performance Non-Unvoiced Consonants in Vehicles Using LFCC Feature Extraction Algorithm”, *International Journal of Electronics and Computer Science Engineering*, ISSN:2277-1956
- 2) Pandey S., Barik R.K., Karan A., **Phani Kumar P**, Haripriya D., Kapileswar N. (2020) Socio-medic Drone with Integrated Defibrillator. In: Sharma D., Balas V., Son L., Sharma R., Cengiz K. (eds) *Micro-Electronics and Telecommunication Engineering. Lecture Notes in Networks and Systems*, Vol 106. Pp 659 – 667, Springer, Singapore Print ISBN 978-981-15-2328-1
- 3) Ravi Raja A, V H Prasad Reddy, Dr. Sk Fayaz Ahamed, **Dr. Phani Kumar Polasi** and Venkata Ratna Prabha K. (2020). Development and Validation of Low Cost, Wi-Fi Integrated Transponder as Data Logger for IoT Based Personal Healthcare in Smart Zones. *International Journal of Advanced Science and Technology*, 29(06), 5419 - 5430. Elsevier (Scopus Indexed) Vol. 29 No. 06 (2020)
- 4) **Dr. Phani Kumar Polasi**, R. Veera Amudhan, Dr.D.Manoj Kumar, Suwetha .I. G. (2020). Compact Health Care System. *International Journal of Advanced Science and Technology*, 29(10s), 6950 - 6954. Elsevier (Scopus Indexed)
- 5) N Kapileswar, **Dr. Phani Kumar Polasi**, “Adaptive OFDM Non Uniform Modulation for Underwater Acaoustic Communication” accepted for publication in ICCCS 2020 conducted at IIT Patna.
- 6) **Polasi, Phani Kumar**, and Kalva Sri Rama Krishna, “Performance of Speaker Independent Language Identification System under Various Noise Environments, The Third International Conference on INformation Systems Design and Intelligent Applications 2016 (INDIA-2016), January 8-9, 2016. (Springer)

- 7) **Polasi, Phani Kumar**, and Kalva Sri Rama Krishna, "Combining the Evidences of Temporal and Spectral Enhancement Techniques for Improving the Performance of Indian Language Identification System in the presence of time varying noises" *International International Journal of Applied Engineering Research*, ISSN 0973-4562 Vol. 10 No.5 (2015) pp. 3979-3985. (Scopus Indexed)
- 8) **P Phani Kumar**, Dr K Sri Rama Krishna, : Improved Emotion Recognition using GMM-UBMs", SPACES – 2015, *IEEE International Conference on Signal Processing And Communication Engineering Systems*, organised by Department Of Electronics And Communication Engineering (DST-FIST, Sponsored Department), K L University, Vaddeswaram, Guntur Dist., Andhra Pradesh, India, during 2nd & 3rd January, 2015
- 9) **Polasi, Phani Kumar**, and Kalva Sri Rama Krishna. "Combining the evidences of temporal and spectral enhancement techniques for improving the performance of Indian language identification system in the presence of background noise." *International Journal of Speech Technology* Springer (2015): 1-11.
- 10) **Dr. Phani Kumar Polasi** et al., "Phonic Classification using RBFNN", *Journal of Electronic Imaging*, SCI Expanded. (Communicated) Age of the journal is 28 years, IF 0.954. Completed 2 Reviews, waiting for the 3<sup>rd</sup> review to be done.
- 11) Ravi Raja A, **Dr. Phani Kumar Polasi**, " Analysis of Noise Reduction Techniques for Electrooculography Signals for Automatic Sleep Stage Scoring Application, CRC Press/ Balkema – Taylor & Francis Group. (Accepted for publication)