International Conference on Engineering, Management, Science Technology and Humanities (ICEMSTH – 2018)

28th October, 2018 – Guwahati, Assam,

A REVIEW OF THE TECHNIQUES FOR VOICE AND SPEECH RECOGNITION MOTION

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ABSTRACT

Based on the results, which show that the algorithm implemented in Lab View is proficient, it was determined that the system is operating efficiently. However, because the algorithm does not extract the vowels from the speech, the Formant 1 values that were obtained by processing all of the speech samples were not entirely accurate. Trials also revealed that when the speech becomes more unvoiced—like the sound of a "s"—pitch rises and, in the case of male samples, this hinders the ability to detect sex. Similarly, raising the voiced which is comparable to the sound of a "a," lowers the pitch value, but the framework manages Such a decline in value and outcomes was unaffected by it. Additionally, a remarkable speech given by the same speaker under nearly the same circumstances produced a pitch value that was the same, proving that the framework could be used to identify the speaker after more research.