

**A Novel Approach for Text-to-Speech System**  
**for Indian Languages**

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**ABSTRACT**

Indian Languages are phonetic by nature. In the Text-To-Speech System for Indian language (Oriya) the algorithm developed by us involves analysis of a sentence (combination of words), words(combination of characters) and characters involving combination of pure consonant and vowel technique. Speech signal is a waveform having in it the information regarding frequency, amplitude and timber bearing in it the acoustic value for the phonemes and diaphones. The merging of such wave files as per requirement to generate the modified consonants influenced by *matras*, *phalas* and *yuktaksharas* (conjuncts) generate the speech from a text