

A TUTORIAL ON
SPEECH PROCESSING SYSTEM FOR INDIAN LANGUAGES
ORIYA: A CASE STUDY.

Suman Bhattacharya
[*Suman1_bh@yahoo.com*](mailto:Suman1_bh@yahoo.com)

Ajaya Kumar Senapati
[*ajayasenapati@rediffmail.com*](mailto:ajayasenapati@rediffmail.com)

RC-ILTS-ORIYA
DEPARTMENT OF COMPUTER SCIENCE & APPLICATION
UTKAL UNIVERSITY, BHUBANESWAR.

ABSTRACT

This paper emphasises the importance of objective and quantitative modelling in the study of tonal features of speech production. At outset the overview of the speech processing system is explained. It is then classified into speech synthesis (TTS) and speech recognition (STT). The various complexities arise in total speech processing system is discussed with examples. The technology behind the development of the system/model has been focused. Different terminology related to phonetic science is also incorporated to make the concept lucid.