

## Phonetics and Phonological Investigation of Geminate and Geminata in Some Indic Languages

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**Abstract :** The aim and scope of the present research are to delve into the form of geminates and the process of gemination with special reference to Indic Languages. This work presents the results of a cross-linguistic investigation of word-medial geminate consonants. This study is a theoretical as well as experimental, that is, it is based not only on impressionistic data from Indic languages but also on an instrumental analysis of the data. The primary data have been collected from the native speakers. The secondary data have been collected from printed materials such as journals, grammar books and other published articles. The observations made in this study have been checked with a number of educated native speakers of Bangla and Telugu. The study focuses on geminates and gemination in Bangla (Indo-Aryan Language Family) and Telugu (Dravidian Language family) exhaustively. Thus this study also attempts to posit the valid geminates in Bangali and Telugu and provides an account of gemination in these languages. It also makes a comparison of singletons and geminated consonants. It describes the distribution of geminate phonemes and non-geminate phonemes of Bangla and Telugu. The present research would also investigate the vowel lengthening in Bangla with respect to gemination. The study also explains how gemination processes present in Indian Languages are transferred to Indian English.

**Keywords :** geminate consonant, singleton-geminate contrast, different types of assimilation, gemination derives from borrowed words

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