Effective Methods of Corpus Based Approach to Language Learning

Chand G.

*Indian Institute of Technology Ropar, Rupnagar, Punjab, India*

gulab.chand@iitrpr.ac.in

Researchers have cited a wide range of application of corpora. During the learning process observation of students in language lab, IIT Ropar, this paper illustrates its potential in the form of web accessible resource (such as narrative records, articles and dictionaries) for bridging the gap between the English learning strategies and the learners. To assist them with different aspects of English such as their grammatical, syntactic and prosodic. Additionally, a Need Analysis of the learner for easy availability of specialized corpora such as speech corpora, video recorded and 3Dcorpora facilitated a multimodal analysis allowing for better comprehension of the facial expressions, gestures and emotions during linguistic performance.

Based on this a framework was prepared, which could be summarized under the following points: The students developed proficiency in English through speech corpora but their progress in writing skill remained slow. For which different texts having sophisticated writings were chosen with different sentence patterns, use of words in different context and semantic values and much more. The automated annotated corpus proved helpful to the learners with their POS classification and accuracy. The grammatical features and the use of particular word such as Wh-words or adjectives in a sentence which were subject to be in the field of errors were automatically put to correction by analyzing the frequency of the words in the corpus. The feedback from the learners after introduction of these corpora was satisfying. Thus, the study will summarize future possibilities for better integrated corpus based approaches to learning.

*Keywords:* Speech corpora, Prosodic analysis, Language learning.