

# “SMART TRANSLATOR FOR OLD KANNADA”

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by

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## ABSTRACT

The main objective of this project is to reduce complexity of reading and writing old kannada. A user Enters old kannada in the form of words , sentence or paragraph or it can be scanned document. This is submitted to the system ,the system(proposed tool) smart translator, converts it to new kannada , So that people can easily understand old Kannada by mapping words and sentence. To understand the language in terms of sentence, we have proposed the tool that convert old kannada language into new kannada language. A developer/ authorized user will enter old kannada words and corresponding new kannada words into the dictionary and will save it. In machine learning part, different hand written images are cropped character by character and using these data sets machine recognize the words or character by OCR(Optical Character Recognition).Receiving input the translator maps word by word using mapping techniques and concats the whole input into corresponding output and displays on the output device The modern kannada language has evolved in four phases. From evolution lots of changes in the language including pronunciation, sentence structure, words, meaning etc. Lot of new literatures ,new revolutionary books , Articles are evolving day by day. While reading these modern literatures we are curious about the old Kannada literature, life style, language structures. To read and understand old kannada is not so easy .To understand the language in terms of sentence , we proposed the tool that convert old kannada language into new kannada language..