

ABSTRACT

The Indo-Aryan languages are a sub-branch of the Indo-European family, spread in a vast area comprising mainly of present day India, Pakistan, Bangladesh, Nepal, Sri Lanka, and the Maldives Islands. This is one of the oldest families of languages in the world. And because of this it has undergone a number of stages in its evolution from the earliest to the present form. These can roughly be classified into three stages viz. Old Indo Aryan, Middle Indo Aryan and New Indo Aryan, which is the present form.

The main objective of our project is to develop a computational model of Sound Change in Indo-Aryan Languages with the help of certain rule sets and a Finite State Transducer. The historical linguistic tool developed helps us to study the etymology of words in New Indo Aryan Languages.