Special Project Study Title Romanized Sanskrit – Thai Machine Transliteration

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Abstract

Sanskrit study and research in Thailand. Transliteration from Sanskrit documents and proofreading is a difficult and time-consuming task. Due to Sanskrit documents have a lot of content. To find solutions. This paper presents Romanized Sanskrit – Thai Machine Transliteration. For the development rules and algorithm of transliteration Romanized Sanskrit based on the IAST standard to Thai alphabet. By there are two patterns. Transliteration patterns are composed of stable pattern and common pattern. The experimental results show that the proposed stable pattern transliteration can perform accurately up to 98.16 % from 21,399 samples. The common pattern can perform accurately up to 95.82 % from 30,049 samples. The evaluation of an expert in Sanskrit. Comments this system can work transliterated Sanskrit as well. Saves a lot of time in transliteration.

Keywords: Transliteration / Transliteration Machine/ Sanskrit