

A Novel Approach to Oriya Handwritten Character Recognition System

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Abstract

The complexities in recognition of handwritten characters are due to non-uniformity in size and style. In general, the location of the characters is not predictable, nor is the spacing between them. Since the system is mostly unconstrained system, characters may be written anywhere on the page and may be overlapped or disjoint leading to illegibility. A typical recognition system will require some sort of constraints, or added information, about the data being processed. Here we have developed a system, which can recognize the Hand Written Text up to an acceptable limit. Further improvement is added by integrating the spell checker as a post processor.