Abstract

Handwritten character recognition is always an advanced area of research in the field of image processing and pattern recognition and there is a large demand for OCR on offline hand written documents. Even though, sufficient studies have performed from history to this era, paper describes the techniques for converting textual content from a paper document into machine readable form. The computer actually recognizes the characters in the document through a revolutionizing technique called Optical Character Recognition (OCR). There are many paper deals with issues such as hand-printed character and cursive handwritten word recognition which describes recent achievements, difficulties, successes and challenges in all aspects of handwriting recognition. Their many papers present a new approach which improves current handwriting recognition systems. Some experimental results are included. Selection of a relevant feature extraction method is probably the single most important factor in achieving high recognition performance with much better accuracy in character recognition systems. In this paper, we describe the formatting guidelines for IJCA Journal Submission.
K. S. Prasanna Kumar, Optical Character Recognition (OCR) for Kannada numerals using Left Bottom 1/4th segment minimum features extraction, IJCTA, 3(1), 221-225, 2012.


B. V. Dhandra, Mallikarjun Hangarge, Gururaj Mukarambi, Spatial Features for Handwritten Kannada and English Character Recognition, IJCA Special Issue on Recent Trends in Image Processing and Pattern Recognition, 3(3), 146-151, 2010.


Dr. Yadana Thein, San Su Su Yee, High Accuracy Myanmar Handwritten Character Recognition using Hybrid approach through MICR and Neural Network, IJCSI International Journal of Computer Science Issues, 7(6), November 2010.


**Index Terms**

Computer Science

Pattern Recognition
Keywords

Feature Extraction  Image Acquisition  Off-Line & Online Handwriting Character Recognition  Segmentation and Training