

## **Abstrak**

Indonesia is a famous nation for its wealth in both natural and language resources and culture. *Aksara* is one of the Indonesian cultures that must be preserved therefore, as not to lose its existence. To avoid the loss of the existence of letters, especially Sundanese *aksara*, we proposed a new approach Sundanese word recognition with considering *rarangkèn* characteristic using the Histogram of Oriented Gradients method and support vector machine as a classification method. The datasets used are sourced from a Sundanese dictionary book. Based on the test results obtained an accuracy 81.48 % of the recognition of word Sundanese *aksara* with the values pixels per cell is 10x10 and cells per block is 1x1 or the values pixels per cell is 20x20 and cells per block is 3x3.

*Keywords—Sundanese Aksara, Word Recognition, Histogram of Oriented Gradients, Support Vector Machine, Font*