

ABSTRAK

Pada situs percandian batujaya di Karawang terdapat peninggalan Candi Jiwa dan Candi Blandongan. Keunikan arsitektural percandian batujaya yang berbeda dengan candi lainnya akan sangat disayangkan apabila tidak diperkenalkan serta diwariskan kepada generasi selanjutnya. Pentingnya pelestarian candi dan upaya mengenalkannya kepada generasi muda menjadi perhatian penting dalam rangka melestarikan identitas budaya Indonesia. Dengan memperkenalkan candi melalui pengenalan citra menggunakan algoritma *CNN* dan *SVM*, diharapkan akan muncul minat baru dalam menjaga dan memperkenalkan kekayaan budaya Candi Jiwa dan Candi Blandongan kepada masyarakat luas, termasuk wisatawan lokal maupun mancanegara. Pada penelitian ini menggunakan 200 data citra Candi Jiwa dan Candi Blandongan yang terbagi kedalam data *training* 80%, data *testing* 10%, dan data validasi 10%. Hasil pegujian yang dilakukan menghasilkan tingkat akurasi sebesar 85%.

Kata Kunci: Budaya, Candi Jiwa, Candi Blandongan, *CNN*, *SVM*



ABSTRACT

At the Batujaya bathing site in Karawang, there are relics of the Jiwa Temple and the Blandongan Temple. The architectural uniqueness of the Batujaya temple which is different from other temples will be very unfortunate if it is not introduced and passed on to the next generation. The importance of preserving temples and efforts to introduce them to the younger generation is an important concern in order to preserve Indonesian cultural identity. By introducing the temple through image recognition using the CNN and SVM algorithms, it is hoped that a new interest will emerge in maintaining and introducing the cultural richness of the Jiwa Temple and Blandongan Temple to the wider community, including local and foreign tourists. In this study, 200 image data were used for the Jiwa Temple and Blandongan Temple which were divided into 80% training data, 10% testing data, and 10% validation data. The results of the testing carried out resulted in an accuracy rate of 85%.

Keyword: Culture, Jiwa Temple, Blandongan Temple, CNN, SVM

