

Prediction of Indian Currency Using Artificial Neural Network

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Abstract: *The ANN-based currency identification system aims to enhance the accuracy and speed of recognizing diverse Indian currency denominations. Traditional methods fall short due to the complexity of Indian money's varied designs, sizes, and security features. Deep learning and ANNs are well-suited for currency classification by analyzing extensive data and detecting intricate patterns. The framework trains on a dataset of Indian banknotes and coins to identify distinctive features such as color and design. This system can improve financial transactions, minimize errors, and bolster security across banking, retail, and security sectors.*

Keywords: Deep learning, financial transactions, currency classification, security features