

ABSTRACT**THE DEVELOPMENT OF VOICE RECOGNITION THROUGH ICHENLI
TRAIN_MNIST_IMAGE FOR DEEP SPEECH APPLICATION**

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Practical Work (KP) is a mandatory activity that must be carried out by every student of the Purwokerto Institute of Technology as a requirement to take a thesis course. The author is placed in PT Menara Multimedia Telkom Solution Jakarta.

The author is given the task of making a Deep Speech application or voice recognition device. The Deep Speech application aims to convert voice to text automatically to recognize various sound characters according to the conversation content. In a variety of smart phones already embedded many applications that can convert sound into text according to the command.

The author is given the task of studying a Tensorflow Ichenli Train_Mnist_Image. The aim of learning Tensorflow is to find the simplest script with the highest accuracy to be implemented into the Deep Speech Application script. The result is the Ichenli Train_Mnist_Image script is not suitable to be implemented because it is long and complicated and very small accuracy of 0.1105.