**A Novel Method for Handwritten Digit Recognition System**

**Importing the Required Libraries**

**import** numpy **import** matplotlib.pyplot **as** plt **from** keras.utils **import** np\_utils **from** tensorflow.keras.datasets **import** mnist **from** tensorflow.keras.models **import** Sequential **from** tensorflow.keras.layers **import** Conv2D, Dense, Flatten **from** tensorflow.keras.optimizers **import** Adam **import** numpy **as** np **import** pandas **as** pd **from** tensorflow.keras.models **import** load\_model **from** PIL **import** Image, ImageOps