

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

### **Problem Statements:**

[1] Bank cheque automation system – Entering the bank account details manually leads to many errors and it is a tedious process. So, automating it with Digit Recognition System would be a highly useful process which can be used to save time and make the process free from errors.

[2] Sorting posts with Postal codes – The first process in distributing posts to their spots is sorting them according to their postal codes. This is currently manual and it requires a lot of time in sorting all the posts. Handwritten Digit recognition system would really speed up the process and can reduce the delivery time.

[3] Automating Data Entry works – In most of the data entry jobs, the work is to read numerical values and enter it into a computer and store it digitally. This can be automated by using Handwritten Digit Recognition System. When the sheet is scanned once, the data in the sheet can be recognized and it can be used to fill the form automatically.