**A NOVAL METHOD FOR HANDWRITTING DIGIT RECOGNITION**

**Problem Statement:**

* Handwritten digit recognition is the ability of a computer system to recognize the handwritten inputs like digits, characters etc.
* Form a wide variety of source like e-mails,papers,images,letters etc.
* This has been a topic of research for decades.
* Some of the research areas include signature verification,bank check processing,postal address interpretation from envelopes etc.

**FEATUERS:**

* This paper,new features called slope detail (SD) features for handwritten digit recognition have been introduced.
* These features are based on shape analysis of the digit image and extract slant or slope information.
* They are effective in obtaining good recognition accuracies.

**ADVANTAGES**:

* Electronic data storage.
* More organized files.
* Easier data retrieval.
* Historical preservation.
* Can be easier form of writing.
* Verification methods.