

**Project Design Phase-I**  
**Proposed Solution Template**

Date	29/9/2022
Team ID	PNT2022TMID50525
Project Name	A Novel Method For Handwritten Digit Recognition
Maximum Marks	2 Marks

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To identify and understand handwritten digits are automatically by computers.
2.	Idea / Solution description	Use the MNIST (Modified National Institute of Standards and Technology) database for handwritten digits and trained by convolutional neural network.
3.	Novelty / Uniqueness	It is predictable to recognize handwritten characters in an image.
4.	Social Impact / Customer Satisfaction	Offline Recognition, Signature Verification, Postal-Address Interpretation, Bank Check Processing, Writer Recognition.
5.	Business Model (Revenue Model)	Language recognizer and translator.
6.	Scalability of the Solution	Increase the accuracy by iteration process.