**Shri Guru Gobind Singhji Institute of Engineering and Technology**
Vishnupuri, Nanded (Maharashtra State) INDIA PIN 431606
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Vision Statement: Education of Human Power for Technological Excellence

# Deep Learning B. Tech Project

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## Problem Statement:

Create a Deep learning model to predict the different hand signs images.

## Context:

Sign languages (also known as signed languages) are languages that use manual communication to convey meaning. This can include simultaneously employing hand gestures, movement, orientation of the fingers, arms or body, and facial expressions to convey a speaker's ideas.

## Source: https://en.wikipedia.org/wiki/Sign_language

## Dataset:

https://www.kaggle.com/datasets/ardamavi/sign-language-digits-dataset

## Details of datasets:

1. Image size: 64x64

2. Color space: Grayscale

3. File format: npy

4. Number of classes: 10 (Digits: 0-9)