Sir,

I am Divas Jain, a final year student of Bachelor of Engineering(Computer Science), Shri Govindram Seksaria Institute of Science and Technology, Indore (India).

We are a batch of 5 people, planning to build a "Gesture Recognition System for converting sign language to text and audio using Video Analysis" as our Major Project, which is guided by Dr. Urjita Thakar, Professor, Computer Engineering Department.

We are planning to create a system to detect, recognise and interpret the hand gestures through computer vision. We plan to apply Deep Learning methods such as CNN and RNN.

We intend to find short video clips corresponding to basic gestures of American Sign language to train our mode. Therefore we need short video clips each containing single gesture .

We discovered that the Lexicon data set contains the requisite clips which would be useful to us for training and testing our model.

Specially, we intend to build a system which would recognize the following gestures:

1. 10 Numbers (0,1,2,3,4,5,6,7,8,9)

2. 22 Universal gestures for e.g. Time, call, drink, eat etc.

3. 26 Alphabets (A,B,C…...Y,Z)

4. 63 Basic function for e.g Hello, me, you, they etc.

We will be highly obliged if you could provide us the required data. We assure you that the dataset will be strictly used for academic and research purposes.

This would be a great help for us.

Thanking You.

With Regards,

Divas Jain

Final Year, Bachelor of Engineering

SGSITS, Indore (M.P)

India