# **SIGN LANGUAGE RECOGNITION AND TRANSLATION**

**ABSTRACT**

Deaf and Mute people use hand gesture sign language to communicate, hence normal people face problems in recognizing their language by signs made. Hence there is a need for systems that recognize the different signs and conveys the information to normal people.

This need can be fulfilled with the help a Machine learning android application which deals from sign gesture acquisition and continues till text/speech generation. This can be very helpful for the deaf and dumb people in communicating with others as knowing sign language is not something that is common to all, making their day-to-day life much easier

The Sign Language app is an Android application which can translate Major sign languages of the world. This application breaks the barrier in between normal person and special enabled people.

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