

313. HAND GESTURE RECOGNISATION SYSTEM FOR COMMUNICATION BETWEEN SPEECH IMPAIRED AND NORMAL PEOPLE

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Hand Gesture Recognition using image processing is used for enabling the communication between the speech impaired and normal people. This paper proposes a low cost technique for detecting hand gestures using the image captured by the webcam and converting them to corresponding text output. Background elimination technique is used to detect the gesture by means of segmentation. Extraction of shape from the features is done using Edge Detection Method. And then these are used to compare the input image with already registered signs in the database. This system requires only a webcam which is commonly available.

Keywords- Hand Gesture, Feature Extraction, Edge Detection

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