**Review of Literature**

This device has 3 main functions to execute so that the device can be considered as a working and accurate one. First function is that it has to detect an eye blink. There are various techniques of detecting eye blinks namely Detecting eye blinks using Infrared, Detecting eye blinks using Electrooculogram, and Detecting eye blinks using Image Processing technique.

In the paper written by Alice Frigario, Tessa Hadlock, Elizabeth Murray, and James Heaton, a technique to detect an eye blink using Infrared is illustrated. We came to know various concepts and techniques from this paper. Using this we came to know the advantages of using Infrared technology and how to implement it in an actual project to detect eye blinks and trigger an event.

In the paper written by Masaki Nakanishi, Yasue Mitsukura, Yijun Wang, Yu-Te Wang and Tzyy-Ping Jung, various concepts of Electrooculogram technique have been illustrated. Being a highly effective technique, it has its own advantages and disadvantages.

Also, the paper written by Aree A. Mohammed and Shereen A. Anwer illustrated concepts of Image Processing. We understood various methods of implementing Image Processing technique to detect an eye blink. Even this method has its own advantages and disadvantages.