

## SMART EPILEPSY DETECTION

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### ABSTRACT

In this proposed system along with the prototype presented here is a wearable device which predicts the occurrence of epilepsy in advance. The device utilizes the signals from human homosapien to detect the occurrence of epilepsy. As soon as the device detects the signals generated from the host and it transmits an encoded signal. The signal is decoded by a wireless receiver to produce signals to trigger alarm device, and mobile messaging device control system appropriately. The prototype is made for verification and to determine the performance of the system.

**KEYWORDS:** Smart Epilepsy, Detects the Symptoms, Wireless Receiver, Mobile Messaging, Decode