

## ACTIVE CELL PHONE DETECTION AND DISPLAY USING ATMEGA-8 MICROCONTROLLER

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### ABSTRACT

Cell phones have brought the world closer. Communication has become a lot smoother with the ease of using cell phone technology. It has made it possible for a person located in a remote place to communicate with a person across the globe in a fraction of a second. However the proliferate use of cell phones has somewhat made it obligatory for us to dig a way out to prevent its usage in restricted or high security areas. This paper deals detection of GSM signals and displaying it on a LCD screen with the help of a ATmega-8 microcontroller. This device will ameliorate the attempt to maintain information security in restricted areas and prevent the breach of potent data.

**KEYWORDS:** Cell Phone Detector, GSM Signal, Atmega-8, Communication, Restricted Areas