

## IMPLEMENTATION OF MEMS BASED HAND GESTURED ROBO ARM USING WIRELESS TECHNOLOGY

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### **ABSTRACT**

*In contrast to switches or keypads, the robustness of MEMS-based Gesture Controlled Robot refers to a robot's ability to be controlled by hand gestures. Some future robots may be able to interact with humans more naturally. As a result, we are concentrating on gesture interfaces that are based on hand motion. This was accomplished using a MEMS sensor and an Ultrasonic sensor for confirmation. A programme was written and executed on a microcontroller to satisfy our needs. Considering the results of the testing reveal that our gesture formula is incredibly competent and that it also boosts the natural style of intelligence.*

**KEYWORDS:** *Robustness of MEMS, MEMS Sensor, Natural Style of Intelligence*

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