PROJECT NAME: Air Mouse

PROJECT DESCRIPTION: We will make a computer mouse which can be wore on a hand like a glove. The pointer/cursor in this case will be controlled by the hand gestures detected by an accelerometer. There will be three physical buttons corresponding to the ones in the regular mouse. Information will be sent using Radio Frequency of around 433 MHz .

Implementation Steps:

Week 1-2: Ordering of the components. Designing the exterior and circuit of the mouse.
Week 3: Start building the basic structure of the mouse.
Week 4-5: Completion and assembly of circuits.
Week 6: Debugging week and making changes if any.

Components:
Accelerometer : Rs 350
RF Module : Rs 350
Mouse Module: Rs 700-800
Other Cost : Rs 500-600

Learning: We expect to learn the functioning of Wireless communication through this project.

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