**THEFT DETECTION SYSTEM IN ATM’S USING CHLOROFORM**

**AIM:**

The main aim the project is to designTHEFTDETECTION IN ATM’S and designing a auto arrest system.

**BLOCK DIAGRAM:**

**POWER SUPPLY**

**MICRO**

**CONTROLLER**

**(8051)**

**MEMS**

**LCD DISPLAY**

**BUZZER**

**CHLOROFORM**

**MOTOR**

**DOOR MOTORS**

**DESCRIPTION:**

The objective of the project is to present a conceptual model of microcontroller based theft detection in ATM’s. Whenever any person breaks the ATM the vibrations are sensed by the MEMS sensor. Any abnormalities are sensed by sensor and micro controller automatically gives an alarm. The doors of the ATM are automatically closed on to the thief so that he cannot escape from the ATM.

**SOFTWARE :** Embedded ‘C’

**TOOLS :** Keil IDE, ISP.

**TARGET DEVICE :** 8051 micro-controller

**APPLICATION :** used in ATM’s & in banks.