**ENHANCING MOBILE MUSEUM GUIDES WITH PUBLIC DISPLAY**

**AIM:**

The main aim of the project is to design a system which uses RFID technology in the museum which provides voice and information to the visitors.

**PURPOSE:**

The purpose of the project is to develop a system, which uses android and RFID technology to give the information about particulars with voice in an easy way.

**VISITORS SECTION:**

**MICRO CONTROLLER**

**AT89S52**

**POWER SUPPLY**

**LCD DISPLAY**

**(16 X 2 LINES)**

**M**

**A**

**X**

**2**

**3**

**2**

**RFID READER**

**VOICE IC**

**SPEAKER**

**Power Supply:**

**STEP DOWN**

**TRANSFORMER**

**BRIDGE**

**RECTIFIER**

**FILTER**

**CIRCUIT**

**REGULATOR SECTION**

**DESCRIPTION:**

The project RFID enhances visitor’s museum with voice is designed to get the voice and image information of a particular thing/person using RFID technology and APR VOICE IC applications.

Here we use this project in museums to get the information in an easy way. In this section we have a RFID reader which is used to read the different tags available in the museum. When a tag is placed in the vicinity of reader it will read the information contained in tag. Hence by using this project we can easily get the data or information that we want.

**HARDWARE COMPONENTS:**

1. Microcontroller (AT89S52)
2. LCD Display (16x2 lines)
3. Max 232
4. RFID Reader & tags

**SOFTWARE:**

1. Kiel U vision
2. Embedded C
3. ISP

**RESULT:**

By using this project we have implemented a project which gives voice information.