**ELECTRONIC PASSPORT USING RFID**

**ABSTRACT:**

RFID based systems are going to revolutionize the entire passport systems. In this project we are going to develop electronic passport system, which will track the Passport ID, whether they are issued or they are in passport, so that passport user will get the instant information.

RFID-based Electronic Passport systems move beyond security to become tracking systems that combine security with more efficient tracking of materials throughout, including easier and faster charge and discharge, inventorying, and materials handling.

This technology helps passport officers reduce valuable staff time spent scanning barcodes while charging and discharging items. RFID is a combination of radio -frequency-based technology and microchip technology. The information contained on microchips in the tags affixed to Passport materials is read using radio frequency technology, regardless of item orientation or alignment (i.e., the technology does not require line-of-sight or a fixed plane to read tags as do traditional theft detection systems). The RFID gates at the library exit(s) can be as wide as four feet because the tags can be read at a distance of up to two feet by each of two parallel exit gate sensors.

**BLOCK DIAGRAM:**

**BOOK**

**WITH**

**RFID**

**LCD**

**PIC**

**MICRO**

**CONTROLER**

**REGULATED**

**POWER SUPPLY**

**RFID MODULE**