**LECTURER ATTENDANCE USING RFID TAGS**

RFID is a wireless technology that uses radio waves to transfer data from an RFID tag to a reader. In the context of employee attendance tracking, RFID tags would be given to employees, and a reader would be installed at the entrance or exit of the workplace. When an employee enters or exits the workplace, their RFID tag would be read by the reader, and their attendance would be recorded in the system.

An employee attendance system using RFID can offer several benefits, including improved accuracy, faster tracking, and reduced paperwork. Additionally, it can help to prevent time theft and ensure that employees are paid accurately for their hours worked.

**MAIN OBJECTIVE**

The main objective of an employee attendance system using RFID would be to accurately and efficiently track employee attendance. The system would aim to automate the attendance tracking process, reducing the need for manual data entry and eliminating errors that can occur when using manual methods.

**SPECIFIC OBJECTIVES**

1. RFID tag management: This functionality allows the system to manage and track RFID tags assigned to employees. The system would assign unique tags to each employee, monitor tag activity, and replace lost or damaged tags.
2. Attendance tracking: This functionality records the date, time, and location of employee entries and exits using RFID technology. The system tracks attendance in real-time and automatically updates attendance records.
3. Reporting: This functionality generates reports on employee attendance, including attendance records, absenteeism reports, and tardiness reports. The system can also generate customized reports based on specific criteria.
4. Access control: This functionality restricts employee access to certain areas of the workplace by using RFID tags to verify employee identities. The system can be configured to allow access only to authorized personnel or based on specific time frames.