**Abstract**

Environment monitoring system in industrial area is system to monitor the pollution coming from the factory chimney and uses Wi-Fi to transfer the data to wap site . The main objective of the project is to monitor the pollution which comes from factories to protect the environment. It uses monitor the temperature and display on LCD, the values of humidity is displayed on LCD. A wireless System is used to Transfer these data (temperature and humidity) to remote monitoring station.

**Introduction**

In this time world is suffering from pollution coming from the factors. The industrial pollution effects the natural environment, atmosphere and human. The project will provide a monitoring system for pollution coming from the factory chimney. An example of industries which will use this project, chemical industries, making Paper industries, Treatment of Water industries and Manufacturing of Sugar. The main goals of the project is to monitoring the parameters which causing pollution and trying to reduce that effect to the environment .The three parameters which will be monitoring by the project are CO sensor, Humidity sensor and temperature sensor. The system functions are sending parameters (CO, Temperature, and Humidity) to a wab site , the system immediately will display the values by using LCD .

**How it works**

The microcontroller