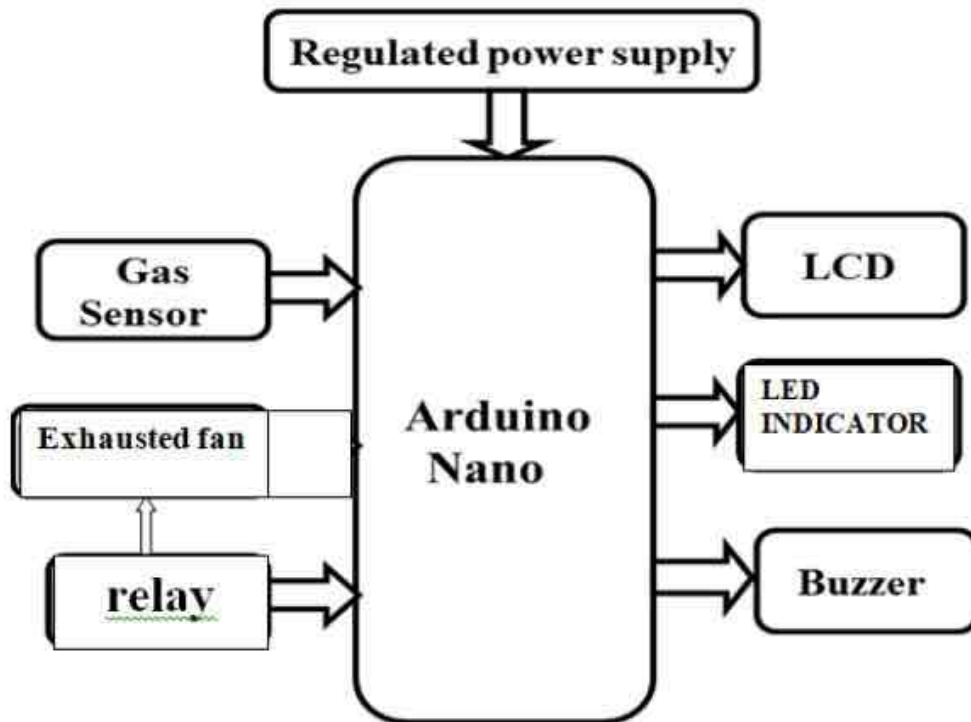# BLOCK DIAGRAM

BLOCK DIAGRAMM

Hardware Specifications :

- Regulated Power supply
- MQ6
- Microcontroller
- LCD Display.
- Buzzer.
- Relay
- Exhausted fan

Applications :

- Urban and rural areas, factories and many more places where pollution is high .

- This system automatically updates the pollution status to the environment authority department over internet communication.

Software Specifications :

- Arduino IDE

- Programming Language: Embedded C Language.

PIN DIAGRAM

D1/TX (1)	(30) VIN
D0/RX (2)	(29) GND
RESET (3)	(28) RESET
GND (4)	(27) +5V
D2 (5)	(26) A7
D3 (6)	(25) A6
D4 (7)	(24) A5
D5 (8)	(23) A4
D6 (9)	(22) A3
D7 (10)	(21) A2
D8 (11)	(20) A1
D9 (12)	(19) A0
D10 (13)	(18) AREF
D11 (14)	(17) 3V3
D12 (15)	(16) D13

NANO COMPATIBLE

ARDUINO.CC

ICSP

TX RX PWR

RST

USA 2009

USB