**An IoT Based Intelligent Traffic Controlling and Accident Alerting System**

**Serial communication**

**ANDROID APPLICATION WITH IoT**

**Density Controlling System**

**Traffic Light Controlling**

**Bluetooth**

**Module**

**West pair ultrasonic sensors**

**East pair ultrasonic sensors**

**South pair ultrasonic sensors**

**North pair ultrasonic sensors**

**West red, yellow, green led**

**MICROCONTROLLER**

**ATMEGA328**

**MICROCONTROLLER**

**ATMEGA328**

**South red, yellow, green led**

**East red, yellow, green led**

**North red, yellow, green led**

**5V Power supply**