

## **SWOT ANALYSIS:**

### **STRENGTH:**

- LED's are simple to use and are extremely energy efficient and Also, money and energy is saved in maintenance and replacement costs due to the long LED lifespan.
- whereas in atmega controller the processors are easy to use ,with the usage of 8bit and 16bit instead of 32/64bit which are more complex .

### **WEAKNESS:**

- LEDs must be supplied with the voltage above the threshold and a current below the rating. This can involve series resistors or current-regulated power supplies.
- Lacks performance compared to higher bit microcontrollers.