

# Video-28

## Breathing LED || Control Brightness of LED

This project simulates a **breathing effect** by smoothly changing the brightness of an LED using **Arduino Uno**. The LED is connected to a **PWM-capable pin**, and its brightness is gradually increased and decreased using 'analogWrite()' in a loop. The fading effect mimics the natural rhythm of breathing, making it a perfect visual for learning about **PWM (Pulse Width Modulation)** and controlling analog outputs.