

## Video-22

### Interfacing Photodiode with Arduino UNO

This project demonstrates how to **interface a photodiode** with an **Arduino Uno** to detect changes in light intensity. The photodiode is connected to an **analog input pin**, and the Arduino reads the varying voltage levels based on the amount of incident light. These readings are then displayed on the **Serial Monitor**, allowing real-time monitoring of light levels. This setup can be used in **light detection, security systems, or automatic lighting controls**.