★ SCIENCE SYMPOSIUM EXHIBITION ★

Smart Pest Monitoring System

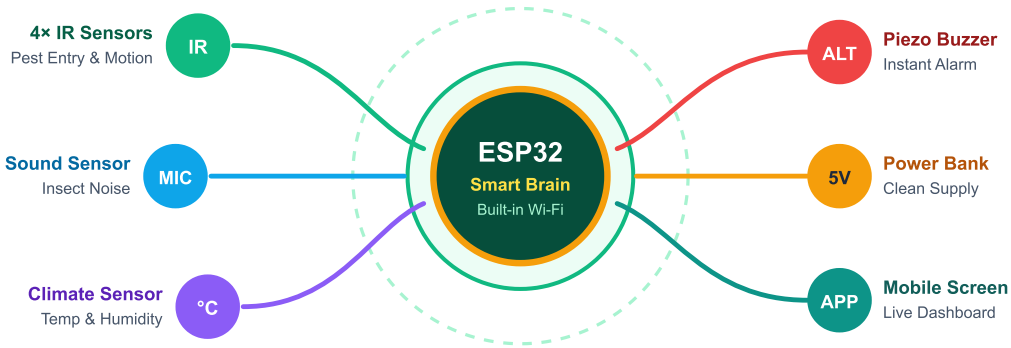
Presented by Zoeya
Class 5 ‘D’

01. CHEMICAL-FREE CROP SAFETY — Pests destroy crops, forcing farmers to use harmful chemical pesticides. Our system detects pests early to protect crops naturally without chemicals.

02. ESP32 SMART BRAIN — Powered by an **ESP32 microcontroller** (a tiny smart computer chip with built-in Wi-Fi, also used in smart home lights, auto plant watering, and mini weather stations).

03. 24×7 FIELD SENSING — IR Sensors around the field spot pest movement and entry, while a **Sound Sensor** listens for insect noise and triggers an instant buzzer alert.

04. INSTANT MOBILE VIEW — Live pest alerts, field status, and temperature & humidity updates appear right away on any connected mobile screen.



WI-FI NETWORK & PASSWORD
`PestMonitor • 12345678`

LIVE STATUS URL
`http://192.168.4.1`

Paste Live Status QR Here

1. Scan for Live Monitoring Page

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