

8-Week IoT Training Schedule From 9th February

Week 1 (9 Feb – 13 Feb)

Mon: Basic electronics, Arduino & IoT, Binary basics
Tue: Breadboard, LED circuits
Wed: Transistors
Thu: Optocoupler
Fri: Resistors

Week 2 (16 Feb – 20 Feb)

Mon: Relay
Tue: Arduino UNO & IDE
Wed: digitalWrite()
Thu: Serial Communication
Fri: digitalRead() & sensors

Week 3 (23 Feb – 27 Feb)

Mon: NodeMCU
Tue: ESP8266
Wed: ESP32
Thu: Arduino Nano
Fri: ESP32-CAM

Week 4 (2 Mar – 6 Mar)

Mon: ESP-01
Tue: if / else
Wed: for loop
Thu: while loop
Fri: Sensor-based project

Week 5 (9 Mar – 13 Mar)

Mon: LCD Display
Tue: MQ Sensor & Fire Alarm
Wed: IR Sensor
Thu: DHT11/DHT22
Fri: Microphone Sensor

Week 6 (16 Mar – 20 Mar)

Mon: Ultrasonic Sensor
Tue: PIR Sensor
Wed: LDR Sensor
Thu: Soil Moisture Sensor
Fri: Multi-sensor project

Week 7 (23 Mar – 27 Mar)

Mon: Bluetooth HC-05/HM-10

Tue: Voice Control Project
Wed: Wireless Notice Board
Thu: Telegram Bot Intro
Fri: Telegram Device Control

Week 8 (30 Mar – 3 Apr)

Mon: Blynk Platform
Tue: Fingerprint Sensor
Wed: RFID & NFC
Thu–Fri: Final Project