



V V Technologies

**V V TECHNOLOGIES
TUMKUR
TRAINING SCHEDULE**

Date: 13-08-2021 to 23-08-2021

Electronics and communication

Day 1:

Introduction

1. Agenda of training.
2. Introduction about Electronic system with basics.
3. Introduction to Embedded system and Open Source Physical Computing.
4. Introduction to controllers.

Day 2:

1. Basic C programming brush-up up to functions

Day 3:

1. Introduction to Open Source Platform.
2. Introduction to Arduino.
3. Introduction on GPIO, ADC, UART.
4. Tour to Arduino IDE
5. Simulation view on Arduino.

Day 4,5,6:

Different Types of Interfaces for Microcontrollers

1. I/O programming.
2. LED, LCD, Switch, Interrupt programming.
3. Keypad programming.
4. ADC, Ultrasonic programming
5. DC Motor and Stepper Motor Interfacing.
6. Relay, Buzzer Operation.
7. Serial Communication (UART).
8. Mini project.



Day 7,8:

1. Introduction to Python
2. About Python IDE
3. Basics to Variables, Constants, Keywords, Datatypes, Declarations, Operations
4. Introductions to conditions and loops.

Day 9,10:

1. Expert Lecture on Industry I4.0 by Industry key Person.
2. Resume and interview skills.

www..takeiteasyengineers.com

