



# School of Electronics Engineering

## Department of Embedded Technology

### A Two-Day National level workshop on



## Embedded C programming for 8 bit Microcontroller

### Day 1(23.06.2023) ONLINE mode

#### Session 1 -9:30 am to 11:00 am

- ◆ Introduction to Microprocessor and Microcontroller
- ◆ Architecture and Memory Organisation

#### Session 2 11:10 am to 12: 40 pm

- ◆ Hand-on on Keil Micro-vision software and basic programming

#### Session 3 2:00 to 3:30 pm

- ◆ Timer/Counter, Serial Communication Programming

#### Session 4 - 3:40 pm to 5:10 pm

- ◆ Interrupt Programming, LCD and Keypad interfacing

### Day 2(24.06.2023) at TT729,VIT Vellore

#### Session 1 -9:30 am to 11:00 am

- ◆ Interfacing LED, Switches with the microcontroller hardware.

#### Session 2 -11:00 am to 12:30 pm

- ◆ Timer/Counter Programming and generation of square wave

#### Session 3 - 2:00 pm to 3:30 pm

- ◆ Interfacing LCD, Keypad with Microcontroller.

#### Session 4 - 3:40 pm to 5:10 pm

- ◆ Discussions about Final Year Project Ideas with possible hardware.

Eligibility: All B.E, B. Tech., and Diploma Students.

Limited Seats ! First Come First Served.

Registration fee: **Rs. 300/-** + GST

Registration Link:

<https://events.vit.ac.in/>

**Welcome to Blended Learning**



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