



School of Electronics Engineering

Department of Embedded Technology

Value Added Course

Embedded System Design, Wireless Protocols and Standards (VAC1201)

Day 1 (27/03/24) 7.30PM-9.30PM

- ♦ Basics of EMI/EMC and Units

Day 2 (28/03/24) 7.30PM-9.30PM

- ♦ Classifications of EMI problems

Day 3 (29/03/24) 7.30PM-9.30PM

- ♦ Grounding, Filtering and Component Selection

Day 4 (8/4/24) 7.30PM-9.30PM

- ♦ PCB Basics and Impedance control

Day 5 (9/4/24) 7.30PM-9.30PM

- ♦ Power control and Board Design Rules

Day 6 (10/4/24) 7.30PM-9.30PM

- ♦ Signal Integrity

Day 7 (11/4/24) 7.30PM-9.30PM

- ♦ Basics of Shielding

Day 8 (12/4/24) 7.30PM-9.30PM

- ♦ Networking Basics, RS232, RS485

Day 9 (13/4/24) 9.30AM-12.30PM

- ♦ SPI, I2C, USB

Day 10 (15/4/24) 8PM-9.30PM

- ♦ Ethernet and TCP/IP Networking

Day 11 (16/4/24) 8PM-9.30PM

- ♦ WiFi and Bluetooth

Day 12 (17/4/24) 8PM-9.30PM

- ♦ Wireless Sensor Networks

Day 13 (18/4/24) 7.30PM-9.30PM

CAN Protocol

Day 14 (19/4/24) 7.30PM-9.30PM

Flexray

Day 12 (20/4/24) 9.30AM-12.30PM

LIN, MOST

Eligibility: B. Tech and M.Tech Students of VIT Vellore

Registration fee: **Rs. 350/(Including GST)**

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

(This VAC is only for VIT Vellore Students)



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