GETIN TECHNOLOGIES

KOVILPATTI (HEAD OFFICE) - 8925831826 | VIRUDHUNAGAR - 8925831828 | TIRUNELVELI- 8925831821 | TUTICORIN - 8925831824 | COIMBATORE - 8925831822 | BANGALORE - 8925831823 | CHENNAI - 8925831821

COURSE NAME: Embedded TRAINING

Visit our website for Course Fees and Course Duration
Placement Eligibility:

Eligible: Any Bachelor Degree, Any Master Degree, MBA
Not Eligible: Diploma

Class Mode:

Classroom | Online | Recorded Session | AI Session

If you have Completed Course, You want only Placements
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Training Partnership with   *Placement Partnership with*

RAMAUSSYS ACADEMY   **RAMAUSSYS** TECHNOLOGIES

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GST No: 33ABAFG2025J1ZV **Website:** www.getintech.in **Email:** enquiry@getintech.in

Embedded TRAINING SYLLABUS

Module 1:

Arduino
Chapter 1:
- **Arduino IDE**
- **Arduino Architecture**
- **Arduino Pins**
    - **Analog**
    - **Digital**
    - **PWM**
    - **Power**

Chapter 2:
- **Framework based C++**
    - **Introduction**
    - **Installation and setup**
    - **Numbers**
    - **Strings**
    - **Arrays**
    - **Booleans**
    - **Control flow**
    - **Function**

Chapter 3:
- **Protocols**
    - **GPIO**
    - **I2C**

- SPI
- UART

Chapter 4:

- **Devices**
  - **LED**
  - **LCD Display**
  - **Servo Motor**
  - **Stepper Motor**
  - **Water Level Sensor**
  - **Time of Flight**
  - **External RTC**
  - **External EEPROM**

Chapter 5:

- **Advanced topics,**
  - **Interrupts**
  - **Timers/Counters**
  - **Onchip ADC/DAC**