



Laravel



About Course

Laravel attempts to take the pain out of development by easing common tasks used in the majority of web projects, such as authentication, routing, sessions, and caching. Laravel aims to make the development process a pleasing one for the developer without sacrificing application functionality.

LARAVEL

CURRICULUM

- ① **Introduction To Embedded System**
 - History and Need of Embedded System
 - Basic Components
 - Hardware Classification
 - Programming Language Classification
 - Advantage and Disadvantage of Low/High Level Language
- ② **Microprocessor And Microcontroller Classification**
 - Microcontroller Vs Microprocessor
 - Classification Based on Architecture
 - Jump Instruction
 - Logical Instruction
 - Branching Instruction
- ③ **Interfacing Of LED And Matrix**
 - Introduction Of LED's
 - Interfacing Circuits
 - Description Of LED's

Programming of LED's Interfacing
Interfacing of LED's Matrix

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Interrupt Driven Programming

Introduction to Interrupt
Types Of Interrupt
Programming Of Software and Hardware Interrupt

5

ADC Interfacing

ADC Introduction
ADC Interfacing Circuit
Working and Interfacing of Temperature Sensor

6

Interfacing Of External Memory

Introduction to External Memory Interfacing
Using I2C Library to Read/Write External Memory
Introduction to Embedded C
C Vs Embedded C
Embedded C Data type
Statements and Loops In Embedded C
Programming Of Timer and Counter
Serial Port Programming
Interrupt Programming
LCD Interfacing



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