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| --- | --- |
| **c** | **C++** |
| introduction | introduction |
| operators | operators |
| Number system | Decision making |
| Decision making | looping |
| looping | Array,string |
| Array | function |
| String | Oops :  1.class,method  2.encapsulation  3.access specifier  4.constructors  5.inheritance  6.exception  7.class / objects |
| function |
| pattern |
| Number crunching |
| structure |
| pointer |

**Duration :** 7 days , 15 days , 30 days.

Embedded systems : (duration : 7 days,15 days,30 days )

1.overview

2.keil software introduction

3.proteus simulation

4.8051 micro controller

a)architecture

b)pin diagram

5.led interfacing

6.lcp interfacing

7.atmega mc overview

8.motor interfacing(2)

9.SEVEN SEGMENT DISPLAY INTERFACING

10.SWITCH INTERFACING

11.PIC INTRO

12.ARM INTRO

13.8086 PROCESSOR

Iot-internet of things (duration : 7 days,15 days,30 days )

1. Overview
2. Arduino ide software
3. Proteus and hardware introduction
4. Arduino uno board overview
5. Led interfacing
6. Lcd interfacing
7. Motor interfacing(3)
8. Switch interfacing

9.Sensor interfacing- (10)

10.Gsm,gps,Bluetooth interfacing

11.Node mcu overview

12.Wi-fi module

13.Cloud storage platform

Webinar content

PIC

Arm

Rashpberry-pi

Workshop content:

Iot-----Arduino

Embedded----8051