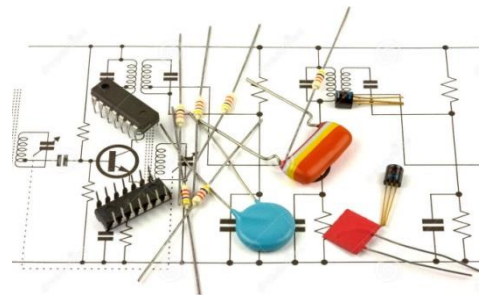
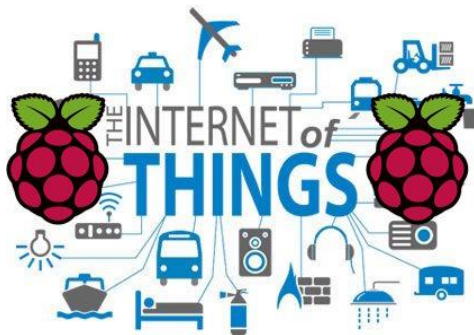

Course of Arduino & Embedded C



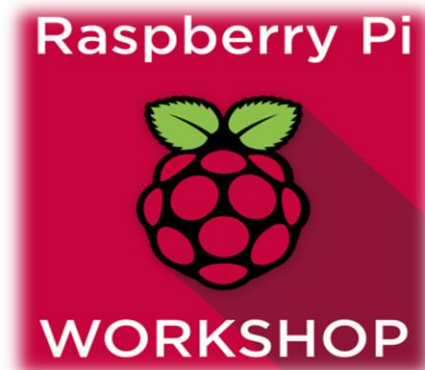
Arduino



Basics of Electronics



IOT



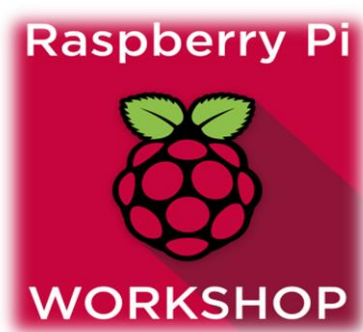
Raspberry Pi

About the Team

MDB Electrosoft is conducting training program from last four years we provide industry oriented training which helps to integrate academics with real time corporate world.

Our Mission is to develop the technically sound, well skill students for industries and create maximum employment.

MDB Electrosoft is grooming electronics and software product Development Company. We develop electronics and software products which help society to make life easy and interesting. Our team is always dedicated for the Development and Innovations. Our research in a product development makes the product outlined as per client requirement. Our development strategy gives throughput which inclined with the user requirements. Our vision is to develop society oriented products which always dole out better life. Our economic policies give lot in less. Our product development starts from user's requirement and ends on efficient and well develop product. Our team has well experience and skilled experts who are able to give efficient and in time solution. Every solution provided by us is unique and innovative. Our approach has been always customer and market communication centric. We create products keeping our target consumer and audience in mind. Our expertise always focuses on market requirement and development.



1. Arduino and Embedded 'C'

Sr. No.	Content
1.	Introduction to Arduino board
2.	Installation of Arduino Software
3.	Pin mapping of Arduino with ATMEGA 328/ 8
4.	Software Basics
5	Intefacing of LED with board. Writing a program to on and off the LED with interval of 1 second
6	Different pattern genetation with number of led (E.g. Forward move, Backward Move, etc.)
7	Embedded C programing basics
8	If loop, For loop, While loop, Switch-case statement syntax
9.	Interfacing of 7 segment displpay and its programming.
10.	Interfacing of Buzzer to genrate different audio tones. (e.g. Zingle bell, Happy birthdy etc.)
11.	Intefacing of switch and LED to Board
12.	Interfacing of 16x2 LCD display and its Programming. Writing program for different display patterns on LCD.
13.	Displaying Names of student on LCD
14.	Scrolling names on lcd
15.	Changing name pattern on LCD by switch
16.	ADC Programming Writing a program to display analog voltage on LCD.
17.	Design of temperature indicatiior and controlling System.
18.	Water level indicator
19.	Home appliance control using remot
20	Interfacing of Ultrasonic sensor
21	Reverse car parking guide
22.	Design and develoipment of Automatic Sanitizing Machine.
23.	Serial Communication using Arduino
24.	Interfacing of Bluetooth Module
25	Controlling Home appliance from Mobile.
26.	Interfacing and programing og Relay.
27.	Logic and programing of Bot controlling.
28.	3 day session for Android app development without programming
29.	Develop android App for Home appliance controll.
30.	Develop android app for Bot controll.

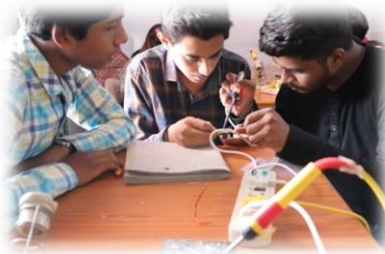
Note : 1) 40Hrs Online training will be provided.

2) Fees for the workshop is Rs. 2500/- per student including kit of worth Rs.1500/-

3) Trainer Team : Main Trainer – 14 Year experience (Teaching 8 years Industry 9 years)

A Glimpse of Workshop

Summer Internship 2018 (Student From Various Colleges such as COEP, IIIT Nagpur, PRMITR, PRCEAM, HVPM COET, G.H.Raisoni)



STTP Workshop 2018 at P.R.Pote (Patil) Engg



RC Plane & Drone Workshop 2017 at P.R.Pote (Patil) Engg



IOT & Raspberry Pi Workshop At Ram Meghe Institute of Tech.Badnera



Our MOU Partner



Government Polytechnic,Amravati



**P.R.Pote (Patil) College of Engg.
&
MGMT,Amravati**



Government Polytechnic,Arvi



**Ram Meghe Institute of Technology
&
Research, Badnera-Amravati**



**H.V.P.M College of Engg.& Tech.
Amravati**



Matoshri Vimlabai Jr College,Amravati

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