

Software Development

Android App Development

Hardware System Development



Embedded System based on Arduino and Raspberry Pi

Educational Programs

Embedded system Development

PCB Design and Development



Technical Skill Development Program



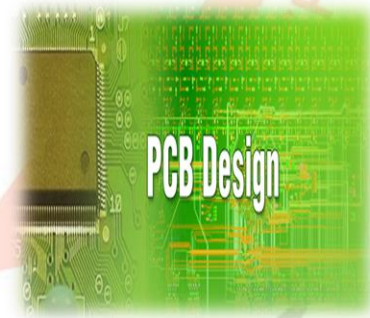
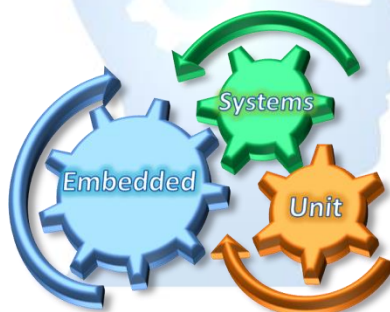
About Us :

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.

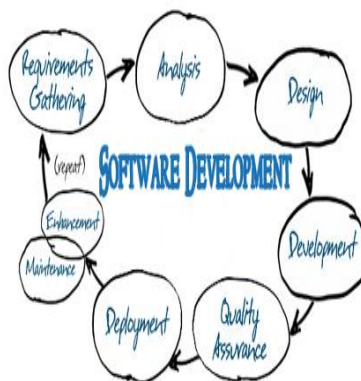
Our Mission is to develop the technically sound, well skill students for industries and create maximum employment.

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.

Hardware Development



Android App Development



What is Project Development Training Program?

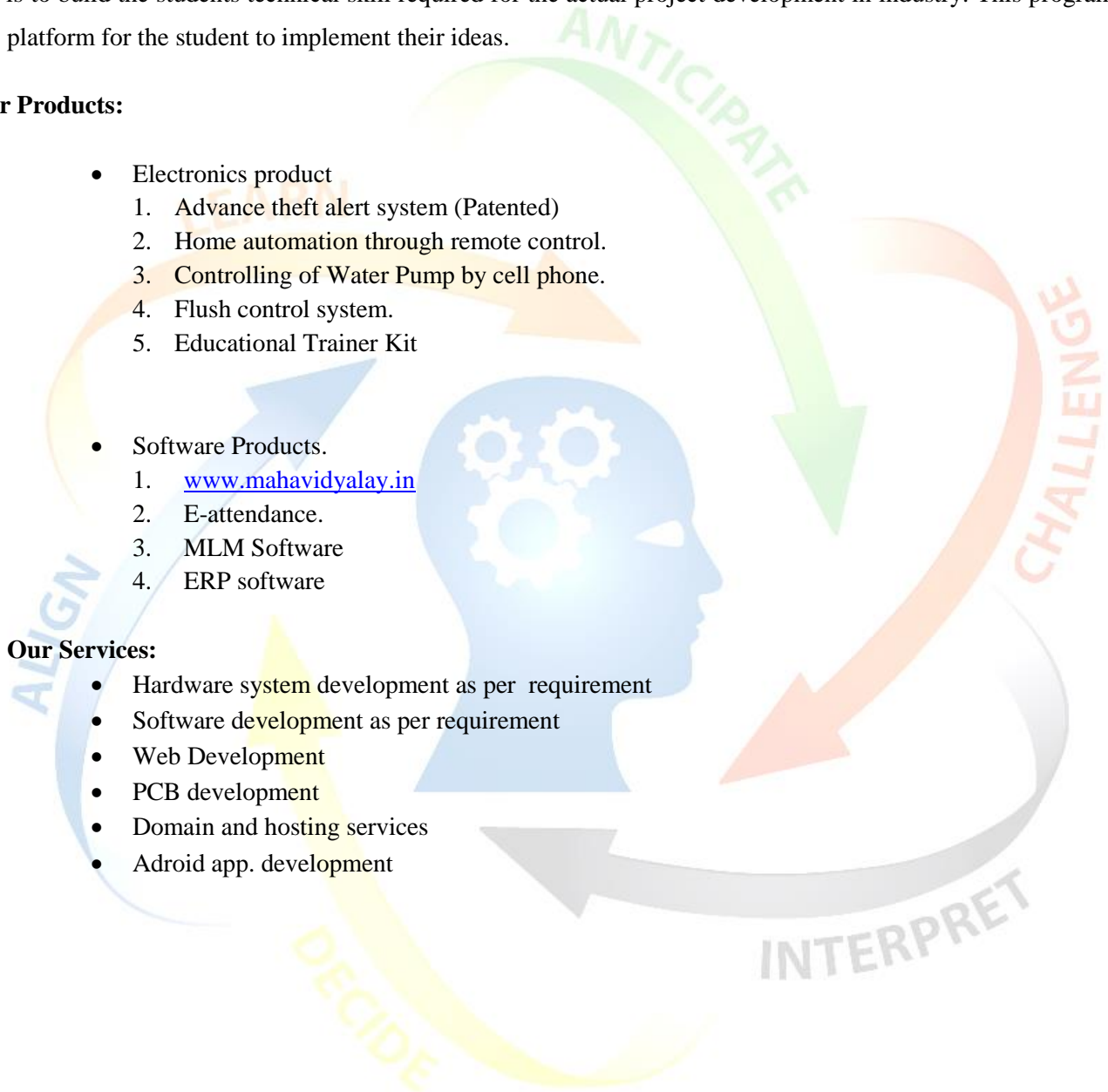
We have started project development training program for the Engineering, Polytechnic as well as for Professional students. The concept behind this program is to provide Practical project development training, so that students get interact with latest project development strategy and emerging technologies. Our vision behind this program is to build the students technical skill required for the actual project development in industry. This program provides platform for the student to implement their ideas.

Our Products:

- Electronics product
 1. Advance theft alert system (Patented)
 2. Home automation through remote control.
 3. Controlling of Water Pump by cell phone.
 4. Flush control system.
 5. Educational Trainer Kit
- Software Products.
 1. www.mahavidyalay.in
 2. E-attendance.
 3. MLM Software
 4. ERP software

Our Services:

- Hardware system development as per requirement
- Software development as per requirement
- Web Development
- PCB development
- Domain and hosting services
- Adroid app. development



Arduino and Embedded C

Course Content

| 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. | Interfacing of 7 segment displpay and its programming. |
| 7. | Interfacing of Buzzer to genrate different audio tones. |
| 8. | Interfacing of 16x2 LCD display and its Programming. Writing program for different display patterns on LCD. |
| 9. | Intefacing of switch and LED to Board |
| 10. | ADC Programming Writing a program to display analog voltage on LCD. |
| 11. | Design of temperature indicator and controlling System. |
| 12 | Water level indicator |
| 13 | Home appliance control using remot |
| 14 | Line follower robot* |
| 15 | Serial Communication using Arduino |

Raspberry Pi, Linex Operating System, Introduction to Python

| Sr. No. | Content |
|---------|--|
| 1 | Introduction to Raspberry Pi |
| 2. | Istallation of Raspberry Pi and Operation system Raspbian |
| 3. | Introduction to Linux operating system and some basic functions |
| 4. | Introduction to Python and Some basic programs |
| 5. | GPIO structure of Raspberry Pi |
| 6. | Interfasing of LED and programming it for blinking using python language |
| 7. | Interfasing of switch programing it for different purposes Like Switching LED, Taking Photograph, Increment Display etc |

| | |
|-----|---|
| 8 | Interfacing of 7 segment display and its programming |
| 9 | Design of counter to count the no. of events |
| 11. | Interfacing of camera with Raspberry Pi and its programming a) Programming Raspberry Pi to take snap after click b) Programming Raspberry Pi to take Salfy |
| 12. | Other things that can be done by Raspberry Pi a) Accessing internet b) Accessing Pen Drive c) Discussion about General things that can be done by Raspberry Pi |

Note : 1) Kit cost = Rs.1200/-

For * point kit will be provided for experimental purpose only.

Raspberry Pi kit will be provided only for Experimental Purpose.

2) For the group of three candidate Fees = Rs. 5100/- (Including Kit of Aruino and material mentioned below).

4) Workshop will be of 5 days. (4 day teaching and one day Project Development)

6) Trainer Team : Main Trainer – 14 Year experience (Teaching 8 years Industry 6 yeays)

: Two subordinate to solve the difficulties of students.

4) Expected Entries of 15- 20 group

Kit Include

- Arduino Board
- Bread board
- 16X2 LCD
- LM 35 Temperature Sensor
- RC 5 Remot control
- Ic LM 358
- LDR
- USB Cord
- Buzzer
- Switches
- Resistor
- LEDs

- 7 Seg display
- Relay
- Certificate
- Soft copy of study matterial

Key Features of Our Training Program:

- Well experience trainer
- Practical approach in each program.
- Certificate to each participant
- CD Material
- Interaction with each and Every participant
- Offer a global platform for innovative developers (Internship Program)

Kit Provided :

- : 1. Hardware Development Kit
- : 2. Certificate

Contact Us @

MDB Electrosoft

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Our Ventures

In Vidarbha & Hyderabad...



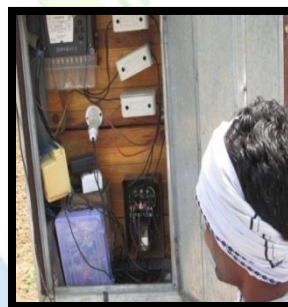
Our Products



e- Attendance



WL- Operator



Farma Switch

Our Patent



Authority Alert System

Our Success Stories (2014-15)

Workshop On Project & PCB Design @ PRMIT & R Badnera, Amravati



Workshop on Embedded system @ P.R. Pote Polytechnic



TPSI Program
Hyderabad

Android Workshop
Amravati

Skill Improvement Program
Secundarabad