Industry Training on
Arduino & its Application with Internet of Things

Duration: 25 Days – 50 hours
Time: 8:00 to 10:00 AM or 10:00 to 12:00 PM

Day	Training Topic	Hours
1	Introduction of Arduino ATMEGA328	2
2	Embedded C Programming	2
	Interfacing Modules	
3	LED, LCD and Relay	2
4	Seven Segment Interfacing – Anode and Cathode	2
5	Motor – Interfacing - DC, Servo, Stepper	2
6	Sensor - Temperature , Ultrasonic, Gas sensor , Humanity, PIR sensor	2
7	RGB LED Interfacing	2
8	Accelerometer - ADXL335 Interfacing	2
9	RTC – Real Time Clock Interfacing	2
10	EPROM – Interfacing & LED Matrix Interfacing	2
11	Shift Register Interfacing – 74HC595	2
12	RF communication – Encoder and Decoder IC	2
13	RFID interfacing	2
14	SD Card Interfacing	2
15	Serial Communication – Bluetooth-HC05 with App	2
16	Ethernet Module Interfacing	2
17	GSM Interfacing – SIM900	2
18	MIT- Application - Design	2
19	Mini Project – based on PCB	2
20	Mini Project – based on Hardware	2
	Internet of Things - IoT	
21	Basic- NodeMCU as Station or Client	2
22	Andriod Wifi Application LED On Off	2
23	Thing speak _DHT11	2

24	Webserver design by IP address Arduino IDE	2
25	BLYNK- Andriod Application – LED, Sensor	2
26	WiFi based LED MATRIX Notice Board	2

Contact us: 9978844178   **Fees: 6000Rs**

Email: shreejicharanelectronics@gmail.com

Website: shreejicharanelectronics.com

NOTE: **All interfacing is performing with hardware and simulation in proteus software.**