



## IOT Training Course Syllabus

SLA is one of its kind Institute which not only equips you in technology skills but will train you for free in Aptitude skills, Soft Skills, Mock Interviews, Interview Skills, Work ethics and Corporate Values that you need to know to get into IT Industry. Our training is given by expert real time development experienced trainers and we enable each and every student of ours to do their own real time projects by the end of the program.

We do not buy you a job by bribing companies to secure a place in IT, instead we equip you with the skills needed to get employed in IT and will support you with unlimited number of relevant interview opportunities so that your career in IT becomes assured. Our support will be there until you get placed in an IT Company as that's our mission too.

If you want to just have an IT certification, you can do your course anywhere. If you aspire to get into an IT Job, then you should choose SLA. With SLA, your IT dream will definitely come into reality.

Please go through the long list of our student reviews / offer letters @ [www.joinsla.com](http://www.joinsla.com) to get to know more about us.

### Javascript Basics of IOT

- ❖ What is IOT?
- ❖ Network Architecture.
- ❖ Device Architecture.
- ❖ What is Embedded?
- ❖ Why we used Embedded system in IOT.
- ❖ Application of IOT.

### Basic Hardware in IOT

- ❖ Basic Electronics Components of IOT
- ❖ LED
- ❖ Resistors
- ❖ Capacitors
- ❖ Transistors
- ❖ Relay
- ❖ Switch
- ❖ Diode
- ❖ Zener Diode

### Controller use in IOT

- ❖ What is Arduino & ESP8266?
- ❖ History of Arduino & ESP8266
- ❖ Hardware and Software Description
- ❖ Comparison between Arduino and ESP8266.
- ❖ Programming Software
- ❖ Glow the LED
- ❖ Different pattern of LED
- ❖ Pull up and pull down condition of switch
- ❖ LED by switch
- ❖ LED by two switch
- ❖ Hello print on LCD
- ❖ Different name pattern on LCD

### IOT Communication Protocols

- ❖ Wireless Protocols (SPI, I2C, USART, UART, Modbus)
- ❖ Networking Protocols(OSI Reference Model, TCP/IP, Ethernet)

### IOT Communication Module

- ❖ RF Module
- ❖ Bluetooth module
- ❖ GSM Module
- ❖ LAN Module
- ❖ Wifi Module

Are you happy with our course curriculum? Then why you delay? Take your mobile phone and ring us quickly on +91 88707 67784.