

Gandhinagar Institute Of Technology, Gandhinagar

TECHNICAL DETAILS

- * Introduction to Internet of Things (IoT).
- * Introduction to Sensor & Actuator.
- * Introduction to Cloud Computing.
- * Arduino Open Microcontroller Platform.
- * Programming Fundamentals (C Language).
- * Programming Arduino.
- * Talking to your Android Phone with Arduino.
- * Communication with Cloud Server.
- * Project: Integrating Sensor & Reading Environmental Physical Values.
- * Project: Reading Environmental Values on Android Smartphone.
- * Project: Voice Controlled Home Automation using Android Smartphone.
- * Project: Control Electronic Devices using Localhost Web Server for Home Automation.
- * Project: Tweet Sensor Value on Twitter through Arduino.
- * Project: Send Voltage & Sensor Values to Cloud Server.
- * Project: Control Electronic Devices using Internet.

KIT DETAILS



Arduino UNO Board
Ethernet Module
Temp. & Humidity Sensor
IR Sensor & Breadboard
Connecting Wires
USB Cable
Other Electronics Components

ELIGIBILITY

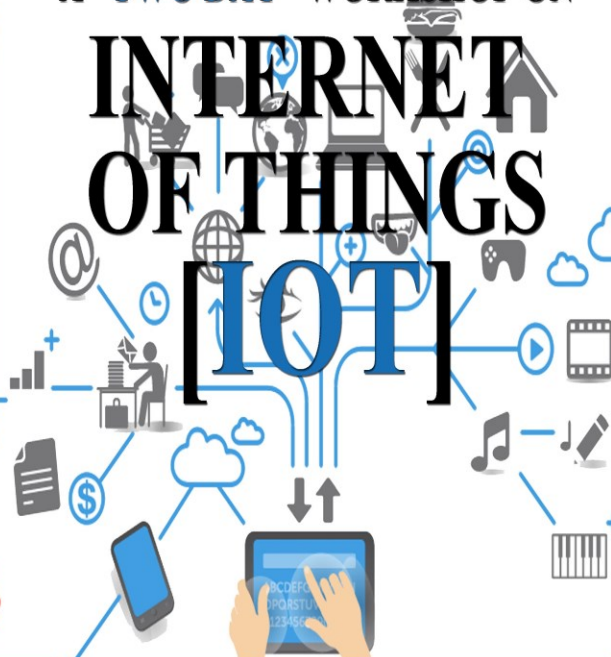
- * First Year to Final Year Student of any branch can Participate in this workshop.
- * No Programming Required, Just a Curious Mind.



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A "TWO DAY" WORKSHOP ON

INTERNET OF THINGS [IOT]



Venue:
Gandhinagar Institute Of Technology
Gandhinagar district, Kalol, Gujarat 382721

Date:
16-17 Feb, 2016

COURSE FEE: **Rs 800 /-** Per Participant
(OPTION 1) (Without TakeAway Kit)

COURSE FEE: **Rs 1000 /-** Per Participant
(OPTION 2) (With TakeAway Kit in a Group of 4)

* Option 2 Course Fee Includes 1 Free Take Away IoT Kit Per Team (Group of 4 Participants)

WORKSHOP DETAILS

- * A Two Days Workshop on IoT.
- * Participation Certificate to All Participants from Innovians Technologies.
- * Participants will work in a group of 4 during the workshop.
- * Course Fee Option 2 Includes One Take Away IoT Kit in a group of 4.
- * At the End of Workshop on Second Day a small competition will be organized and best performing students will get Certificate of Excellence.

CONTACTS

Patron : Dr. N.M. Bhatt
(Director, GIT)
Mentor: Prof. Hardik Bhatt
(HoD - EC Dept.)

Faculty Coordinators

Pratik Gohel : 8347010890
(Assistant Professor, EC Dept.)

Mitul Maniar : 8347010886
(Assistant Professor, EC Dept.)

Pre -Requisite

- * An Android Smartphone with Working Internet. (Atleast One Smartphone in a group of 4)
- * Atleast 1-2 Laptop in a group of 4 With LAN Port & USB Port