



Empowerment through Technology



RoboKart
Share what you do

Shree Rayeshwar Institute of Engineering & Information Technology, Goa Institute Industry interaction (III) Cell

PRESENTS 9 DAYS TRAINING PROGRAM ON EMBEDDED SYSTEM WITH IOT

Internet of Things

- Introduction to IoT & different Sensors
- Knowing ARDUINO & IDE
- Testing ARDUINO Programs & Working on WIFI Module
- Interfacing of Wi-Fi Module with Microcontroller
- AT Commands of Wi-Fi Module
- Projects:
 - Projects: Communicating with Cloud
 - Project: Reading Values send on Cloud
 - Project: Automation through Cloud Server
 - Project: Accessing Tweets
 - Project: Controlling Electronic Devices

Kit Content

- Arduino UNO Atmega 328
- Programmer cable for Arduino
- ESP 8266 WiFi Module
- Breakout board for ESP module
- LDR
- LEDs
- Switches
- LCD 16x2
- Keypad Matrix
- PIR Motion Sensor
- Jumper wires
- Battery Connectors
- 9V Battery

Every Student will
get 1 takeaway kit

BENEFITS

- 80% Hands-on as well as practical session & 20% theory.
- Robokart will select best STUDENT from batch for outsourced trainer for academic year 2017 -2018.
- Participation Certificate from Robokart

Many More..

Embedded System

- Intro to Embedded System
- Arch. of Embedded System
- Bit Operation
- Advance C Programming
- Operators
- External Interfacs
- Project Using
 - PIR Sensor
 - LCD 16 x 2
 - Key Pad | LDR
 - Seven segment display
 - Automatic Door bell system
 - Human Presense Detection
- Many More...

Venue: Shree Rayeshwar Institute of Engineering & Information Technology, Shiroda-Goa

Date: 2nd to 10th Jan 2018

Fee: ₹ 6800/- per students

To Register Call: Swapnil - 08879391381
Bring 1 laptop for better practice

INTERNET OF THINGS

