

Registration Form

Name of the
Candidate :

Name of the
Parent / Gaurdian:

Institution Address:

Gender: Male Female

Date of Birth:

Community:

Aadhar No.:

Residential Address:

Phone No.:

E-Mail ID:

Signature of the Student

ELIGIBILITY

Diploma students of Electrical/Computer Electronics / Instrumentation disciplines are eligible to participate in the programme

Course Fee : Rs. 750/- (including Refreshment)

Payment Mode: Cash

Date of the course: 15. 09.2018
&
16.09.2018

Duration : Two days Full Time

Time: 09.00 am to 04.30 pm

Last date for Registration

through mail only: 12.09.2018

E-Mail ID: citspcciiicp@gmail.com

Certificates

Certificates for the course conducted by the cell are issued by the **Directorate of Technical Education, Govt. of TamilNadu.**

For further details, please contact:

**MANAGER
CONTINUING EDUCATION CELL
CITSANDWICH POLYTECHNIC
COLLEGE,**

COIMBATORE - 641 014

Phone No.: 0422 2573034

Mobile No.: 99760 85945

E-Mail ID: citspcciiicp@gmail.com

**CIT SANDWICH POLYTECHNIC
COLLEGE,
(Govt. Adided Institution)
Peelamedu, Coimbatore - 641 014**



**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING
AND
CIICP - CONTINUING EDUCATION CELL**



Announces

A value added training programme on
“ARDUINO WORKSHOP FOR BEGINNERS”



CIT SANDWICH POLYTECHNIC COLLEGE

CIT Sandwich Polytechnic College, Coimbatore, a Government Aided, Co-Educational Institution, established in 1955 and run by Late V. Rangasamy Naidu. The polytechnic was started in the year 1961. This Educational Trust is to offer post matric level technical education in full time, part time and Sandwich modes, leading to the diploma from the State Board of Technical Education and Training, TamilNadu, in compliance with all Government and AICTE rules and regulations.

The Polytechnic is to promote and sustain cordial support with the local industries.

- To promote entrepreneurial activities
- To provide effective placement
- To organise need based joint venture programmes
- To impart inplant training, industrial visits, expert lectures and consultancy

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was established during the year 2007. Since its commencement the primary objective of the department has been to impart quality education, training in the various area of Electronics and Communication Engineering.

CONTINUING EDUCATION CELL

The continuing education cell of the polytechnic has been established under the CIICP project during 1991. It offers a wide range of short-term programmes in Engineering and Technology. It aims to serve the needs of the variety of the industries and community.

ABOUT TRAINING IN ARDUINO

This program will prepare students for careers in ARDUINO. It is an open source electronics platform based on easy-to-use hardware and software. Arduino boards are able to read inputs-light on a sensor, a finger on a button, or a Twitter message and turn it into an output activating a motor, turning on an LED, publishing something online. You can tell your board what to do by sending a set of instructions to the microcontroller on the board.

COURSE CONTENT

- 'C' History Introduction and basics
 - ❖ Variable and constants
 - ❖ Tokens, operations and data types

- Control structure
 - ❖ Decision statements
- Control structure
 - ❖ Loops
- Bit wise operator
- Functions
- Introduction to microcontroller
- GPIO Programming
 - ❖ Switch
 - ❖ LED
 - ❖ Buzzer
- Displaying devices
 - ❖ 7 segment LED
 - ❖ LCD
- Sensors
- Driver circuit and relay control
- Interfacing
 - ❖ DC motor
 - ❖ Servo motor
- Mini project

BENEFITS

Arduino has been used in thousands of different projects and applications. The Arduino software is easy-to-use for beginners, yet flexible enough for advanced users. Arduino is a key tool to learn new things and simplifies the process of working with microcontrollers.

- ❖ Hands on session on various projects
- ❖ make project yourself
- ❖ Design and code projects