DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Two day workshop on Internet Of Things (IoT) using Arduino was conducted on 22nd and 23rd February 2018 at Department of ECE, Adhi College of Engineering and Technology under IETE student Forum with industrial training collaboration from ONEYES TECHNOLOGIES, Chennai

Workshop organized by:

Convener:
> **Dr. K.SAKTHISUDHAN**
> **HOD /ECE**

Organising Secretary:

> **Ms. A.LATHA**
> **Associate Professor/ECE**

Co-ordinator(s) :

> **Ms. M. ARCHANA**
> **Ms. M. ATHIA FARHEEN**
> **Assistant Professor(s) /ECE**

Industrial Resource Persons:

> **Mr. S. VADIVEL,**
>
> **Placement Head, ONEYES TECHNOLOGIES, Chennai**
>
> **Mr. G. JAISARATHY,**
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> **Embedded Project Developer, ONEYES TECHNOLOGIES, Chennai**

About the Workshop

This workshop focus on getting up and running with Arduino quickly, to understand the basic procedures for working with Arduino and can explore further on own. It is suitable for beginners to create applications in embedded platform. It provides hands on training in Internet of Things (IoT) using Arduino hardware and software sensor interfacing.

Day – 1

Installation of Arduino IDE

Working with Arduino IDE

Upload various Program to Arduino Board

Practical works of Online Data Storage

Basic SQL Syntax, Basic syntax of PHP, Database Connection in PHP with MySQL

Day – 2

Industrial Temperature Monitoring system

Industrial Automation system

Health Care System

Smart Homes and Buildings

Water Level Monitoring System