

## ORGANIZING COMMITTEE

### CHIEF PATRON

Dr. R. Vasanthakumar  
Chairman and Managing Trustee  
Karpagam Institutions

### PATRONS

Er.K.Murugaiah  
Chief Executive Officer  
Karpagam Institutions

Dr. P. Vijayakumar  
Principal

### CONVENOR

Dr. C.R. Balamurugan  
Professor and Head/EEE

### Coordinators

Dr.Meenu D.Nair Associate Professor/EEE  
Mr.Nagarajan A, AP/EEE  
Ms.Swathy.S, AP /EEE

Registration form completed in all aspects is to be sent to:

#### Co-ordinators

Two Days Hands on Training on  
“*IoT Application Development Using  
Arduino*”

Department of EEE  
Karpagam College of Engineering  
Othakkalmandapam (P.O)  
Coimbatore-641 032, India

## ABOUT THE COLLEGE

Karpagam College of Engineering is one of the Institution run by Karpagam Charity trust, established in the Year 2000. The College is an Autonomous Institution, Accredited by NAAC with ‘A’ Grade and 5 of the departments are accredited by NBA. The main focus is to impart quality education and an excellent career start to all our students. The College is approved by AICTE and affiliated to Anna University, Chennai and offers 9 UG, 5 PG and 4 Ph.D programmes with over 4500 students. The vision is to become one of the best Institutions at the National and International level by incorporating innovative teaching-learning methods to enable the students to secure a high-value career, motivate to pursue higher education and research to serve the society.

## ABOUT THE DEPARTMENT

EEE Department was started in the year 2002 with a student intake of 60, the present student strength is 576 with an intake of 180. The Department is reaccredited by NBA for 2 years in 2015 and for 3 years in 2019. The Department maintains good Industry Institute partnership and MoUs signed with National Instruments for LabVIEW Academy, B & R Automation, AXIS Global Group of Companies and Hindustan Automation. The department is a recognized Research centre by Anna University since 2011 – 2012. The department has established the Centre for Research Training and Development in the academic year 2014 – 2015, for catering the needs of Students, Faculty and Research Scholars through value added programmes like workshops, seminars and conferences.

## Two Days Hands on Training

on

### “*IoT Application Development Using Arduino*”

27.02.2020 and 28.02.2020



*Organised by*

Department of  
Electrical and Electronics Engineering



Autonomous | Affiliated to Anna University, Chennai  
Accredited by NAAC with 'A' Grade | NBA (ECE, EEE, CSE, MECH & IT)

## OBJECTIVE

The internet of things (IoT) constitutes a network of embedded devices that incorporate sensors and communication functions. The proposed workshop gives introduction to the IoT, which connects to the Internet through incorporating sensors and communication functions in various smart objects.

The aim of this workshop is to introduce students to the internet connected low power systems and understand the concepts of Sense, Analyze, Monitor, Store, Communicate and Control using the concepts and systems of IoT. This workshop will provide an insight into:

- Introduction to IoT
- ESP 12-E (NodeMCU).
- ESP 32 .
- Raspeberry pi.
- Arduino IDE.
- IoT Protocols.
- MQTT .
- Introduction to IFTTT
- Google Assistant with AdfruitIO
- Building IoT product

## RESOURCE PERSONS

Industrial Experts and Academicians from reputed Organizations.

## REGISTRATION FEE

UG/PG Students : Rs. 750/-  
Academicians/ Research Scholars : Rs. 1000/-  
Industrial Participants : Rs. 1500/-

## HOW TO APPLY

The Participants can send their duly filled-in registration form to the coordinator along with the Demand Draft in favour of ‘ **Karpagam College of Engineering**’ payable at Coimbatore. The registration fee includes lunch and refreshment.

Accommodation will be provided on chargeable basis in the college premises.

**Note:** Only **40** Registrations can also be permitted with a single DD.

## SCHEDULED DATES

Last date for receipt of Application : 15.02.2020  
Intimation of selection : 20.02.2020  
Confirmation by participants : 23.02.2020

### **For any other queries contact:**

Mr.Nagarajan A, AP/EEE - 9597832012  
Ms.Swathy.S, AP /EEE - 7548855665

E-mail: nagarajan.a@kce.ac.in  
swathy.s@kce.ac.in

## Two Days Hands on Training

On  
**“IoT Application Development  
Using Arduino”**

**27.02.2020 and 28.02.2020**

## **REGISTRATION FORM**

Name (in Block Letters) :

Category :

Educational Qualification :

Designation :

Organization :

Department :

Gender :

Age :

Address for  
Communication :

Mobile Number :

E-mail ID :

Accommodation Required : Yes/No

### **Payment Details**

DD.No :

Amount :

Date :

Bank Name & Branch :

Signature of the Applicant